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## Product Datasheet

### Recombinant Mouse CSF-1/M-CSF Protein, Human ABB-RP01216

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Mouse CSF-1/M-CSF Protein, Human                                                                                                                                                                                                                  |
| Biozol Catalog Number      | ABB-RP01216                                                                                                                                                                                                                                                   |
| Supplier Catalog Number    | RP01216                                                                                                                                                                                                                                                       |
| Alternative Catalog Number | ABB-RP01216-500UG, ABB-RP01216-10UG, ABB-RP01216-50UG, ABB-RP01216-20UG, ABB-RP01216-100UG                                                                                                                                                                    |
| Manufacturer               | ABclonal                                                                                                                                                                                                                                                      |
| Host                       | Human                                                                                                                                                                                                                                                         |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                              |
| Species Reactivity         | Mouse                                                                                                                                                                                                                                                         |
| Immunogen                  | Met1-Glu262                                                                                                                                                                                                                                                   |
| Product Description        | Macrophage colony-stimulating factor 1, also known as CSF-1, M-CSF, is a single-pass membrane protein which is disulfide-linked as a homodimer or heterodimer. Granulocyte / macrophage colony-stimulating factors are cytokines that act in hematopoiesis... |
| Concentration              | < 0.01 EU/μg of the protein by LAL method.                                                                                                                                                                                                                    |
| Molecular Weight           | 30.19 kDa                                                                                                                                                                                                                                                     |
| Tag                        | C-His                                                                                                                                                                                                                                                         |
| NCBI                       | <a href="#">12977</a>                                                                                                                                                                                                                                         |
| UniProt                    | <a href="#">P07141</a>                                                                                                                                                                                                                                        |
| Source                     | HEK293 cells                                                                                                                                                                                                                                                  |

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity             | 95 % as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Form               | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.                                                                                                                                                                                                                                                                                                                                               |
| Sequence           | MTARGAAGRCPSSTWLGSRLLLVCLLMSRSIAKEVSEHCSHMIGNGHLKVLQ<br>QLIDSQMETSCQIAFEFVDQEQLDDPVCYLKKAFFLVQDIIDETMRFKDNT<br>PNANATERLQELSNLNSCFTKDYEEQNKACVRTFHETPLQLLEKIKNFFNETKNLL<br>EKDWNIFTKNCNNSFAKCSSRDVVTKPDCNCLYPKATPSSDPASASPHQPPA<br>PSMAPLAGLAWDDSQRTEGSSLLPSELPLRIEDPGSAKQRPPR                                                                                                                                                                                   |
| Target             | CSF-1/M-CSF                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Application Dilute | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.                                                                                                                                                                                                                                                                                                                                               |
| Application Notes  | Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage,it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA,5% HSA,10% FBS or 5% Trehalose),and aliquot the reconstituted protein solution to minimize free-thaw cycles. ResearchArea: Cytokines & Cytokine receptors,Cell Culture related |