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## Product Datasheet

### Recombinant Mouse CD55 Protein, Human ABB-RP03522

|                          |                                                                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Recombinant Mouse CD55 Protein, Human                                                                                                                                                                                                                          |
| Artikelnummer            | ABB-RP03522                                                                                                                                                                                                                                                    |
| Hersteller Artikelnummer | RP03522                                                                                                                                                                                                                                                        |
| Alternativnummer         | ABB-RP03522-10UG, ABB-RP03522-100UG, ABB-RP03522-50UG, ABB-RP03522-20UG                                                                                                                                                                                        |
| Hersteller               | ABclonal                                                                                                                                                                                                                                                       |
| Wirt                     | Human                                                                                                                                                                                                                                                          |
| Kategorie                | Proteine/Peptide                                                                                                                                                                                                                                               |
| Spezies Reaktivität      | Mouse                                                                                                                                                                                                                                                          |
| Immunogen                | Asp35-Gly362                                                                                                                                                                                                                                                   |
| Produktbeschreibung      | Recombinant Mouse CD55 Protein is a major regulator of the alternative and classical pathways of complement activation and is expressed on all serum-exposed cells. This protein recognizes C4b and C3b fragments that condense with cell-surface hydroxyl ... |
| Konzentration            | < 0.1 EU/μg of the protein by LAL method.                                                                                                                                                                                                                      |
| Molekulargewicht         | 36.63 KDa                                                                                                                                                                                                                                                      |
| NCBI                     | <a href="#">13136</a>                                                                                                                                                                                                                                          |
| UniProt                  | <a href="#">Q61475</a>                                                                                                                                                                                                                                         |
| Reinheit                 | 90% as determined by reducing SDS-PAGE.                                                                                                                                                                                                                        |

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Formulierung           | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequenz                | DCGPPPDIPNARPILGRHSKFAEQSKVAYSCNNGFKQVPDKSNIVVCLENGQ<br>WSSHETFCCKSCVAPERLSFASLKKEYLNMNFFPVGTIVEYECRPGFRKQPPLP<br>GKATCLEDLVWSPVAQFCKKKSCPNPKDLDNGHINIPTGILFGSEINFSCNPGY<br>RLVGVSSTFCSVTGNTVDWDDEFVCTEIHCPPEPPKINNGIMRGESDSYTYSQ<br>VVTYSCDKGFILVGNASIYCTVSKSDVGQWSSPPPRCIEKSK                                                                                                                                                             |
| Target-Kategorie       | Cd55, Cd55a, Daf, Daf1                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Application Verdünnung | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                                                                                                                                                                                                                                                                                  |
| Anwendungsbeschreibung | 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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. ResearchArea: Bio-Markers & CD Antigens |