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## Product Datasheet

### RR IL-1 B SHD-300-30-10UG

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | RR IL-1 B                                                                                                                                                                                                                                                     |
| Biozol Catalog Number      | SHD-300-30-10UG                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | 300-30-10UG                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | SHD-300-30-10UG                                                                                                                                                                                                                                               |
| Manufacturer               | Fujifilm Irvine Scientific                                                                                                                                                                                                                                    |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                              |
| Application                | Bioassay, SDS-PAGE                                                                                                                                                                                                                                            |
| Species Reactivity         | Rat                                                                                                                                                                                                                                                           |
| Product Description        | Interleukin 1 beta (IL-1beta) is a pro-inflammatory cytokine that is produced by monocytes, macrophages, and dendritic cells (DCs). IL-1beta signals through the IL-1 receptor, type 1 (IL-1R1) to activate the myeloid differentiation primary response 8... |
| Molecular Weight           | 17.4                                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">Q63264</a>                                                                                                                                                                                                                                        |
| Buffer                     | 10 mM Sodium Phosphate, pH 7.5                                                                                                                                                                                                                                |
| Source                     | E.coli                                                                                                                                                                                                                                                        |
| Purity                     | 95                                                                                                                                                                                                                                                            |
| Form                       | Lyophilized from a 0.2 µm filtered solution                                                                                                                                                                                                                   |

|                   |                                                                                                                                                                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence          | MVPIRQLHCR LRDEQQKCLV LSDPCELKAL HLNGQNISQQ VVFSMSFVQG<br>ETSNDKIPVA LGLKGLNLYL SCVMKDGTPPT LQLESVDPKQ YPKKKMEKRF<br>VFNKIEVGTK VEFESAQFPN WYISTSQAEH RPVFLGNSNG RDIVDFTMEP<br>VSS                                                                                         |
| Application Notes | Centrifuge vial before opening. Suspend the product by gently<br>pipetting the above recommended solution down the sides of the<br>vial. DO NOT VORTEX. Allow several minutes for complete<br>reconstitution. For prolonged storage, dilute to working aliquots in a<br>0. |