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## Product Datasheet

### Recombinant Rat TNF-alpha Protein, Human ABB-RP01908

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Rat TNF-alpha Protein, Human                                                                                                                                                                                                                      |
| Biozol Catalog Number      | ABB-RP01908                                                                                                                                                                                                                                                   |
| Supplier Catalog Number    | RP01908                                                                                                                                                                                                                                                       |
| Alternative Catalog Number | ABB-RP01908-50UG, ABB-RP01908-20UG                                                                                                                                                                                                                            |
| Manufacturer               | ABclonal                                                                                                                                                                                                                                                      |
| Host                       | Human                                                                                                                                                                                                                                                         |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                              |
| Immunogen                  | Leu80-Leu235                                                                                                                                                                                                                                                  |
| Product Description        | Tumor necrosis factor alpha (TNF-alpha), also known as TNF, TNFA or TNFSF2, Cytokine that binds to TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. It is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. It is potent pyrogen caus... |
| Concentration              | < 1 EU/μg of the protein by LAL method                                                                                                                                                                                                                        |
| Molecular Weight           | 17.23 kDa                                                                                                                                                                                                                                                     |
| NCBI                       | <a href="#">24835</a>                                                                                                                                                                                                                                         |
| UniProt                    | <a href="#">P16599</a>                                                                                                                                                                                                                                        |
| Purity                     | > 95% by SDS-PAGE.                                                                                                                                                                                                                                            |
| Form                       | Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                                                               |

|                    |                                                                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence           | LRSSSQNSSDKPVAHVVANHQAEEQLEWLSQRANALLANGMDLKDNQLVVP<br>ADGLYLIYSQVLFGQGCPDYVLLTHTVSRFAISYQEKVSLLSAIKSPCPKDTPE<br>GAELKPWYEPMYLGGVFQLEKGDLLSAEVNLPKYLDITESGQVYFGVIAL |
| Target             | Tnf                                                                                                                                                                 |
| Application Dilute | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                     |