

## Recombinant Rabbit TNF protein, His & T7-tagged

**Cat. No.** TNF-565R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rabbit TNF aa. (Leu80~Leu235 (Accession # P04924)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                                    |
| <b>Species</b>          | Rabbit                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Leu80~Leu235                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 21.1kDa                                                                                                                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                |
| <b>Characteristic</b>   | The isoelectric point is 6.5.                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP                                                                                                                                                                                                                                                                                                             |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

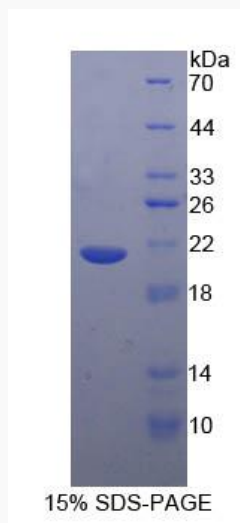
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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.                                                                                                                                        |
| <b>Storage buffer</b>   | Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.                                                                                                       |
| <b>Reconstitution</b>   | Reconstitute in sterile ddH <sub>2</sub> O.                                                                                                                                                                                                       |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                   |
| <b>Gene Name</b>        | TNF tumor necrosis factor [ <i>Oryctolagus cuniculus</i> (rabbit) ]                                                                                                                                                                               |
| <b>Official Symbol</b>  | TNF                                                                                                                                                                                                                                               |
| <b>Synonyms</b>         | TNF; TNFA; TNFSF2; TNLG1F; tumor necrosis factor; TNF-a; TNF-alpha; cachectin; tumor necrosis factor (TNF superfamily, member 2); tumor necrosis factor alpha; tumor necrosis factor ligand 1F; tumor necrosis factor ligand superfamily member 2 |
| <b>Gene ID</b>          | 100009088                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>      | NM_001082263.1                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>   | NP_001075732.1                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>       | P04924                                                                                                                                                                                                                                            |

SDS-PAGE



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