

# Recombinant Human TNF protein, His-tagged

**Cat. No.** TNF-4532H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TNF protein(P01375)(78-233aa), fused with C-terminal His tag, was expressed in Yeast.                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 78-233aa                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 18.7 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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|                    |                                                                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AA Sequence</b> | RSSSRTPSDKPVAHVVANPQAEGQLQWLNRRANALLANGVELRDNQLVVPSEGLY<br>LIYSQVLFGKGQGCPSTHVLLTHTISRIAVSYQTKVNLLSAIKSPCQRETPEGAEAKPW<br>YEPIYLGGVFQLEKGDRLSAEINRPDYLDFAESGQVYFGIIAL |
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## GENE INFORMATION

|                  |                                            |
|------------------|--------------------------------------------|
| <b>Gene Name</b> | TNF tumor necrosis factor [ Homo sapiens ] |
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|                        |     |
|------------------------|-----|
| <b>Official Symbol</b> | TNF |
|------------------------|-----|

|                 |                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Synonyms</b> | TNF; tumor necrosis factor; TNFA, tumor necrosis factor (TNF superfamily, member 2); DIF; TNF superfamily; member 2; TNF alpha; TNFSF2; TNF-a; cachectin; APC1 protein; TNF, monocyte-derived; TNF, macrophage-derived; TNF superfamily, member 2; tumor necrosis factor alpha; tumor necrosis factor-alpha; tumor necrosis factor ligand superfamily member 2; TNFA; TNF-alpha; |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                |      |
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| <b>Gene ID</b> | 7124 |
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|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_000594 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_000585 |
|-----------------------|-----------|

|            |        |
|------------|--------|
| <b>MIM</b> | 191160 |
|------------|--------|

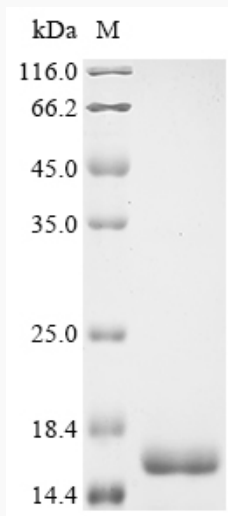
|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | P01375 |
|-------------------|--------|

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## SDS-PAGE



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