

Recombinant Human TNF Protein Product Manual

1. Product Basic Information

Product No.: REP08495

Protein Name: Apc1 Protein (TNF)

Aliases: DIF; TNFA; TNF-IMD127; TNFSF2; TNLG1F; TNF-alpha; APC1 protein; TNF, monocyte-derived; tumor necrosis factor; TNF, macrophage-derived; tumor necrosis factor-alpha; tumor necrotic factor alpha; tumor n...

UniProt ID: P01375

UniProt Link: <https://www.uniprot.org/uniprotkb/P01375/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (77-233aa)

Molecular Weight: 19.4 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (77-233aa)

VRSSSRTPSDKPVAHVVANPQAEGQLQWLNRRANALLANGVELRDNQLVVPSEGL
YLIYSQVLFGQGCPSTHVLLTHTISRIAVSYQTKVNLLSAIKSPCQRETPEGAEAKP
WYEPIYLGGVFQLEKGDRLSAEINRPDYLDFAESGQVYFGIIL

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.



5. Product Description

This product is a recombinant Human TNF partial protein (77-233aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. TNF, also known as DIF or TNFA or TNF-IMD127, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.