

Recombinant Human TNF-a protein, GST-tagged

Cat. No. TNF-a-301237H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNF-a (77-233 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val77-Leu233
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	VRSSSRTPSDKPVAHVVANPQAEGQLQWLNRRANALLANGVELRDNQLVVPSEGL YLIYSQVLFGKGQGPCSTHVLLTHTISRIVSYQTKVNLLSAIKSPCQRETPEGAEAKP WYEPIYLGGVFQLEKGDRLSAEINRPDYLDFAESGQVYFGIIAL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name TNF tumor necrosis factor [Homo sapiens (human)]

Official Symbol TNF-a

Synonyms DIF; TNFA; TNFSF2; TNLG1F; TNF-alpha

Gene ID 7124

mRNA Refseq NM_000594

Protein Refseq NP_000585

MIM 191160

UniProt ID P01375

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