

Active GMP Recombinant Mouse Tnf protein

Cat. No. Tnf-456MG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Mouse Tnf protein(NP_038721.1)(169 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Mouse
Source	HEK293
ProteinLength	DNA sequence encoding NP_038721.1 was expressed with His tag at the C-terminal.
Bio-activity	ED50 is determined by the lysis ability of mouse L929 cells in the presence of actinomycin D, which is 20-100pg/mL.
Molecular Mass	Recombinant Mouse TNF- α contains169aa. It has a predicted MW of 18.9 kDa.
Endotoxin	<0.5EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Tnf tumor necrosis factor [Mus musculus]
Official Symbol	Tnf
Synonyms	DI; Tn; DIF; TNF-; Tnfa; Tnfs; TNF-a; TNFSF2; Tnlg1f; Tnfsf1a; TNFalpha; TNF-alpha
Gene ID	21926
mRNA Refseq	NM_013693
Protein Refseq	NP_038721
UniProt ID	P06804

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