Recombinant Mouse Tnf Protein (Leu80-Leu235), N-His tagged

Cat. No. Tnf-3766M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNFa / TNF-alpha (Leu80-Leu235) fused with the N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu80-Leu235
Description	This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. Members of this family are classified based on primary sequence, function, and structure. This protein is synthesized as a type-II transmembrane protein and is reported to be cleaved into products that exert distinct biological functions. It plays an important role in the innate immune response as well as regulating homeostasis but is also implicated in diseases of chronic inflammation. In mouse deficiency of this gene is associated with defects in response to bacterial infection, with defects in forming organized follicular dendritic cell networks and germinal centers, and with a lack of primary B cell follicles. Alternative splicing results in multiple transcript variants.
Form	Lyophilized powder/frozen liquid
Molecular Mass	19.57 kDa
Purity	>90% as determined by SDS-PAGE.

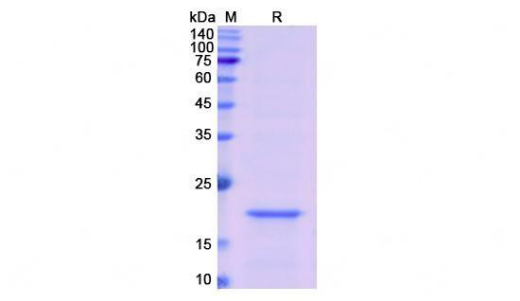
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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02% NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Tnf tumor necrosis factor [Mus musculus (house mouse)]
Official Symbol	Tnf
Synonyms	TNF; tumor necrosis factor; TNF-a; TNF-alpha; cachectin; tumour necrosis factor; tumor necrosis factor alpha; tumor necrosis factor (TNF superfamily, member 2); tumor necrosis factor ligand superfamily member 2; TNFA; cTNF;
Gene ID	21926
mRNA Refseq	NM_013693
Protein Refseq	NP_038721
UniProt ID	P06804

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SDS-PAGE	

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