Recombinant Mouse TNF-? protein (His tag)

Catalog Number:PDEM100067

Note: Centrifuge before opening to ensure complete recovery of vial contents.

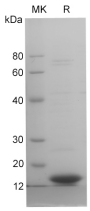
Description

Synonyms	Tumor Necrosis Factor;Cachectin;TNF-Alpha;Tumor Necrosis Factor Ligand Superfamily Member 2;TNF-a;Tumor Necrosis Factor;Membrane Form;Tumor Necrosis Factor;Tnf;Tnfsf2;DIF;TNF-alpha;Tnfa;TNFalpha;Tnfsf1a;TNFSF2
Species	Mouse
Expression Host	E.coli
Sequence	Leu 80–Leu 235
Accession	P06804
Calculated Molecular Weight	17.1 kDa
Observed molecular weight	17 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Tumor Necrosis Factor (TNF) is a member of the Tumor Necrosis Factor family. TNF exists as a homotrimer and interacts with SPPL2B. TNF is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. TNF is a key cytokine in the development of several inflammatory disorders. It contributes to the development of type 2 diabetes throught its effects on insulin resistance and fatty acid metabolism.

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