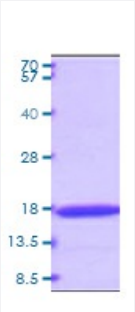
Bioactive

Tnf (Mouse) Recombinant Protein

Catalog # P6954 Size 20 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Tnf (Mouse) Recombinant Protein stimulates cell cytotoxicity in the L929 mouse fibrosarcoma cell. The ED50 range ≤ 0.06ng/mL.

Specification

Product Description	Mouse Tnf (NP_038721, 80 a.a. - 235 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Host	Mouse
Theoretical MW (kDa)	17.4
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	> 1 EU per 1ug of protein (determined by LAL method)

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Activity	Measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metab olic inhibitor actinomycin D. The ED_{50} range ≤ 0.06 ng/ml.
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Stored at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
Note	Result of bioactivity analysis Result of bioactivity analysis Tnf (Mouse) Recombinant Protein stimulates cell cytotoxicity in the L929 mouse fibrosarcoma cell. Th e ED50 range ≤ 0.06ng/mL.

Applications

- SDS-PAGE

Gene Info — Tnf

Entrez GeneID	21926
Protein Accession#	NP_038721
Gene Name	Tnf
Gene Alias	DIF, MGC151434, TNF-alpha, TNFSF2, TNFalpha, Tnfa, Tnfsf1a
Gene Description	tumor necrosis factor
Gene Ontology	Hyperlink
Other Designations	TNF alpha|tumor necrosis factor alpha|tumor necrosis factor-alpha

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