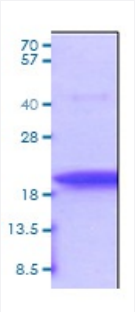
Bioactive

Tnf (Rat) Recombinant Protein

Catalog # P6958 Size 100 ug

Applications



Result of bioactivity analysis

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Tnf (Rat) Recombinant Protein stimulates cytotoxicity of the L929 mouse fibroblast cells. The ED50 range ≤ 0.2 ng/mL.

Specification

Product Description	Rat Tnf (NP_038721, 80 a.a. - 235 a.a.) partial recombinant protein with His tag expressed in *Escherichia coli*.
Host	Rat
Theoretical MW (kDa)	19.9
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 90% 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 fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The ED_{50} range ≤ 0.2 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 (1 mM DTT, 10% glycerol)
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 (Rat) Recombinant Protein stimulates cytotoxicity of the L929 mouse fibroblast cells. The ED50 range ≤ 0.2 ng/mL.

Applications

- SDS-PAGE

Gene Info — Tnf

Entrez GeneID	24835
Protein Accession#	NP_036807
Gene Name	Tnf
Gene Alias	MGC124630, RATTNF, TNF-alpha, Tnfa
Gene Description	tumor necrosis factor (TNF superfamily, member 2)
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	tumor necrosis factor superfamily member 2|tumor necrosis factor superfamily, member 2|tumor necrosis factor alpha|tumor necrosis factor superfamily, member 2|tumor necrosis factor, alpha (cachetin)|tumor necrosis factor-alpha

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