

Product datasheet for **TP723453**

Tnf (NM_012675) Rat Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Rat tumor necrosis factor (TNF superfamily, member 2) (Tnf).
Species:	Rat
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MLRSSSQNSS DKPVAHVAN HQAEEQLEWL SQRANALLAN GMDLKDNLV VPADGLYLIY SQVLFKGQGC PDYVLLTHTV SRFAISYQEK VSLLSAIKSP CPKDTPEGAE LKPWYEPMYL GGVFQLEKGD LLSAEVNLPK YLDITESGQV YFGVIAL
Tag:	Tag Free
Predicted MW:	17.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	ED50 as determined by the cytolysis of murine L929 cells in the presence of actinomycin D is less than or equal to 0.05 ng/ml, corresponding to a specific activity of > 2 x 10 ⁷ units/mg.
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_036807
Locus ID:	24835
UniProt ID:	P16599
RefSeq Size:	1687
Cytogenetics:	20p12
RefSeq ORF:	705
Synonyms:	RATTNF; TNF-alpha; Tnfa
Summary:	acts as a cytokine; binds TNF receptors; plays a role in regulation of cell proliferation, induction of apoptosis, and inflammatory response [RGD, Feb 2006]



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Product images: