

Product datasheet for **TP720420**

TREM1 (NM_018643) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human triggering receptor expressed on myeloid cells 1 (TREM1)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ala21-Arg200
Tag:	C-6His
Predicted MW:	21.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_061113
Locus ID:	54210
UniProt ID:	Q9NP99 , Q38L15
Cytogenetics:	6p21.1
Synonyms:	CD354; TREM-1



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Summary:

This gene encodes a receptor belonging to the Ig superfamily that is expressed on myeloid cells. This protein amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Jun 2011]

Protein Families:

Druggable Genome, Secreted Protein, Transmembrane

Product images: