

TREM-1 protein

TREM-1

CATALOG #
AAA27930

HOST
Human

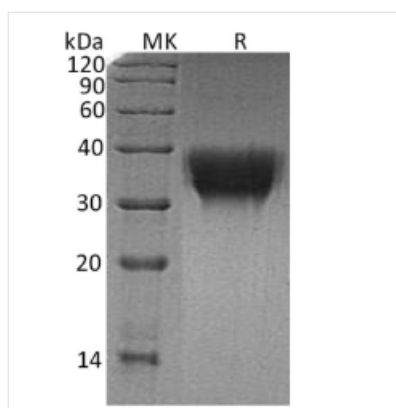
PRODUCT SYNONYMS

TREM-1; Triggering Receptor Expressed on Myeloid Cells 1; Triggering Receptor Expressed on Monocytes 1; CD354; TREM1; TREM-1 protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Liquid; Supplied in 20 mM PB, 150 mM NaCl, pH 7.2
Concentration	1 mg/ml (varies by lot)
Sequence Length	225
Expression System	Human Cells
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ug/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin	Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Preparation and Storage	Store at <- 20 degree C. Aliquots of reconstituted samples are stable at -20 degree for long term. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

IMAGES


WB (Western Blot)

Greater than 95% as determined by reducing SDS-PAGE. (QC verified)

ADDITIONAL INFORMATION

Related Product Information for TREM-1 protein	Background: Triggering Receptor Expressed on Myeloid Cells 1 (TREM-1) is a transmembrane protein with a single Ig-like domain. TREM-1 associates with the adapter protein, DAP12, to deliver an activating signal. TREM-1 is expressed on blood neutrophils and monocytes, and the expression is up-regulated by bacterial LPS. TREM-1 is expressed at high levels on neutrophils of patients with microbial sepsis and in mice with a TREM-1/Fc fusion protein protected mice against LPS-induced shock. Human TREM-1 shares 42% sequence homology with mouse TREM-1. Description: Recombinant Human Triggering Receptor Expressed on Myeloid Cells 1 is produced by our Mammalian expression system and the target gene encoding Ala21-Arg200 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	336088680
NCBI GeneID	54210
NCBI Accession #	NP_001229518.1
NCBI GenBank Nucleotide #	NM_001242589.2
UniProt Accession #	Q9NP99; Q53FL8; Q5T2C9; Q86YU1; B4DWG2; K7EJW1
NCBI Official Full Name	triggering receptor expressed on myeloid cells 1 isoform 2
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells 1
NCBI Official Symbol	TREM1
NCBI Official Synonym Symbols	CD354; TREM-1
NCBI Protein Information	triggering receptor expressed on myeloid cells 1
UniProt Protein Name	Triggering receptor expressed on myeloid cells 1
UniProt Gene Name	TREM1
UniProt Synonym Gene Names	TREM-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.