

TREM1, human recombinant protein

Triggering receptor expressed on myeloid cells 1, CD354, TREM-1

Catalog # PBV10956r

Specification**TREM1, human recombinant protein - Product info**

Primary Accession	O9NP99
Concentration	0.5
Calculated MW	23.3 kDa (209 aa, 21-205 aa + His Tag), confirmed by MALDI-TOF. KDa

TREM1, human recombinant protein - Additional Info

Gene ID	54210
Gene Symbol	TREM1
Other Names	
Triggering receptor expressed on myeloid cells 1, CD354, TREM-1	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥85%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSM ATKLTE EKYELKEGQT LDVKCDYTL KFASSQKAWQ IIRDGEMPKT LACTERPSKN SHPVQVGRII LEDYHDHGLL RVRMVNLQVE DSGLYQCVIY QPPKEPHMLF DRIRLVVTKG FSGTPGSNEN STQNVYKIPP TTTKALCPLY TSPRTVTQAP PKSTADVSTP DSEINLTNVT DIIRVPVFN

Target/Specificity

TREM1

Format

Liquid

Storage

-80°C; 0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl, 30% glycerol and 1 mM DTT.

TREM1, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TREM1, human recombinant protein - Images**TREM1, human recombinant protein - Background**

TREM1 is a receptor belonging to the Ig super family 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. Recombinant human TREM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

TREM1, human recombinant protein - References

Bouchon A., et al. J. Immunol. 164:4991-4995(2000).
Gingras M.-C., et al. Mol. Immunol. 38:817-824(2002).
Begum N.A., et al. Submitted (JAN-2002) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mungall A.J., et al. Nature 425:805-811(2003).