

Recombinant Human TREM1 Protein, C-His-tagged

Cat. No. TREM1-116H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TREM1 Protein with C-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	TREM-1 (triggering receptor expressed on myeloid cells-1) is expressed in monocytes and neutrophils but not in lymphocytes, dendritic cells, or other cell types. TREM-1 is a glycoprotein that is reduced by deglycosylation, in agreement with the predicted molecular mass. TREM-1 is an activating receptor of the Ig superfamily that is expressed on human myeloid cells, selectively expressed on blood neutrophils and a subset of monocytes, and is upregulated by bacterial LPS. Immunoblot analysis shows that TREM-1 is associated with DAP12, a molecule frequently associated with activating receptors. TREM-1 and the myeloid DAP12-associating lectin (MDL-1) are recently identified receptors which associate non-covalently with DAP12 to form receptor complexes that are involved in monocytic activation and inflammatory response.
Molecular Mass	~20 kDa
AA Sequence	ATKLTEEKYELKEGQTLQDKCDYTLKFASSQKAWQIIRDGEMPCTLACTERPSKNS HPVQVGRIILEDYHDHGLLRVRMVNLQVEDSGLYQCVIYQPPKEPHMLFDRIRLVVT KGFSGTPGSNENSTQNVYKIPPTTTKALCPLYTSPRTVTQAPPKSTADVSTPDSEINL TNVTDIIRVPVFN

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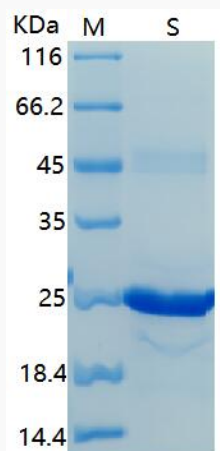
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Concentration	≥0.5 mg/mL
Storage Buffer	PBS, 4M Urea, pH7.4
GENE INFORMATION	
Gene Name	TREM1 triggering receptor expressed on myeloid cells 1 [Homo sapiens (human)]
Official Symbol	TREM1
Synonyms	TREM1; triggering receptor expressed on myeloid cells 1; CD354; TREM 1; triggering-receptor TREM1; triggering receptor expressed on monocytes 1; TREM-1;
Gene ID	54210
mRNA Refseq	NM_001242589
Protein Refseq	NP_001229518
MIM	605085
UniProt ID	Q9NP99

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SDS-PAGE



SDS-PAGE Result

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