

## Recombinant Human TREM1 Protein, C-His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TREM1 Protein with C-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>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.</p>
<b>Molecular Mass</b>	~20 kDa
<b>AA Sequence</b>	<p>ATKLTEEKYELKEGQTLDVDKCDYTLKFASSQKAWQIIRDGEMPKTLACTERPSKNS            HPVQVGRILLEDYHDHGLLRVRMVNLQVEDSGLYQCVIYQPPKEPHMLFDRIRLVVT            KGFSGTPGSNENSTQNVYKIPPTTTKALCPLYTSPRTVTQAPPKSTADVSTPDSEINL            TNVTDIIRVPVFN</p>

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<b>Purity</b>	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
<b>Notes</b>	For research use only, not for use in diagnostic procedure.
<b>Storage</b>	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
<b>Concentration</b>	≥0.5 mg/mL
<b>Storage Buffer</b>	PBS, 4M Urea, pH7.4

## GENE INFORMATION

<b>Gene Name</b>	TREM1 triggering receptor expressed on myeloid cells 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TREM1
<b>Synonyms</b>	TREM1; triggering receptor expressed on myeloid cells 1; CD354; TREM 1; triggering-receptor TREM1; triggering receptor expressed on monocytes 1; TREM-1;
<b>Gene ID</b>	54210
<b>mRNA Refseq</b>	NM_001242589
<b>Protein Refseq</b>	NP_001229518
<b>MIM</b>	605085
<b>UniProt ID</b>	Q9NP99

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