

Recombinant Human TREM1 protein, T7/His-tagged

Cat. No. TREM1-167H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD354 extracellular domain cDNA (21 - 2305aa, Isoform-1) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-2305 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGRHHHHHHENLYFQGGEFATKLTEEKYELKEGQTLDDVKCDYTL EKFASSQKAWQIIRDGEMPKT LACTERPSKNSHPVQVGRRILEDYHDHGLLRVRMV NLQVEDSGLYQCVIYQPPKEPHMLFDRIRLVVTKGFGSGTP GSNENSTQNVYKIPPTT TKALCPLYTSPRTVTQAPPKSTADVSTPDSEINLTNVTDIIRVPVFN
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro CD354 mediated neutrophil and monocyte-related inflammatory responses regulatory study with this protein as either soluble factor or coating matrix protein.2. May be used for CD354 protein-protein interaction assay.3. Potential diagnostic biomarker for systematic infections, such as bacterial lung infection, et al.4. May be used for specific antibody production.

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Storage

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION
Gene Name

TREM1 triggering receptor expressed on myeloid cells 1 [Homo sapiens]

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

**Chromosome
Location**

6p21.1

Pathway

Cell surface interactions at the vascular wall, organism-specific biosystem;
Hemostasis, organism-specific biosystem;

Function

receptor activity;

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