

Recombinant Human TREM1 Protein, His-tagged

Cat. No. TREM1-485H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TREM1 Protein (Ala21-Asn205) with N-His tag was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	Ala21-Asn205
Description	This gene encodes a receptor belonging to the Ig superfamily 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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.4 kDa Accurate Molecular Mass: 40 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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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