

Recombinant Human TREML1 Protein, Fc-tagged

Cat. No. TREML1-373H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TREML1 fused with Fc tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the triggering receptor expressed on myeloid cells-like (TREM) family. The encoded protein is a type 1 single Ig domain orphan receptor localized to the alpha-granule membranes of platelets. The encoded protein is involved in platelet aggregation, inflammation, and cellular activation and has been linked to Gray platelet syndrome. Alternative splicing results in multiple transcript variants
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	42.9kD
AA Sequence	QGIVGSLPEVLQAPVGSSILVQCHYRLQDVKAQKVWCRFLPEGCQPLVSSAVDRRA PAGRRTFLTDLGGGLLQVEMVTLQEEDAGEYGCMVDGARGPQILHRVSLNILPPEE EEETHKIGSLAENAFSDPAGSANPLEPSQDEKSIPVDDIEGRMDEPKSCDKTHTCPP CPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEV HNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKG QPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPV LDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
GENE INFORMATION	
Gene Name	TREML1 triggering receptor expressed on myeloid cells-like 1 [Homo sapiens]
Official Symbol	TREML1
Synonyms	TREML1; triggering receptor expressed on myeloid cells-like 1; trem-like transcript 1 protein; dJ238O23.3; TLT1; TREM like transcript 1; triggering receptor expressed on myeloid cells-like protein 1; TLT-1; PRO3438; GLTL1825; MGC119173;
Gene ID	340205
mRNA Refseq	NM_178174
Protein Refseq	NP_835468
MIM	609714
UniProt ID	Q86YW5