

Recombinant Human TREML2 Protein, Fc-tagged

Cat. No. TREML2-427H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TREML2 fused with Fc tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	TREML2 is located in a gene cluster on chromosome 6 with the single Ig variable (IgV) domain activating receptors TREM1 (MIM 605085) and TREM2 (MIM 605086), but it has distinct structural and functional properties (Allcock et al., 2003 [PubMed 12645956]).
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	54.2kD
AA Sequence	GPSADSVYTKVRLLEGETLSVQCSYKGYKNRVEGKVVWCKIRKKKCEPGFARVWVK GPRYLLQDDAQAKVVNITMVALKLQDSGRYWCMRNTSGILYPLMGFQLDVSPAPQS ERNIPFTHLDNILKSGTVTTGQAPTSGPDAPFTTGVMVFTPLITLPRLLASTRPASKT GYSFTATSTTSQGPRRTMGSTVTASPSNARDSSAGPESISTKSGDLSTRSPTTGL CLTSRLLNRLPSMPSIRHQDVYSVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGP SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREE QYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTL PPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLY SKLTVDKSRWQQGNVFSVMHEALHNHYTQKSLSLSPGK

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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	TREML2 triggering receptor expressed on myeloid cells-like 2 [Homo sapiens]
Official Symbol	TREML2
Synonyms	TREML2; triggering receptor expressed on myeloid cells-like 2; C6orf76, chromosome 6 open reading frame 76; trem-like transcript 2 protein; dJ238O23.1; FLJ13693; TLT2; TREM like transcript 2; triggering receptor expressed on myeloid cells-like protein 2; TLT-2; C6orf76; MGC149715; MGC149716;
Gene ID	79865
mRNA Refseq	NM_024807
Protein Refseq	NP_079083
MIM	609715
UniProt ID	Q5T2D2