

Recombinant Human TREML2 Protein, Fc-tagged

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

SPECIFICATION

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| 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 | <p>GPSADSVYTKVRLLEGETLSVQCSYKGYKNRVEGKVVCKIRKKKCEPGFARVWVK GPRYLLQDDAQAKVVNITMVALKLQDSGRYWCMRNTSGILYPLMGFQLDVSPAPQS ERNIPFTHLDNILKSGT VTTGQAPTSGPDAPFTTGVMVFTPGLITLPRLLASTRPASKT GYSFTATSTTSQGPRRTMGSQTVTASPSNARDSSAGPESISTKSGDLSTRSPTTGL CLTSRLLNRLPSMPSIRHQDVYSVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGP SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREE QYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTL PPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLY SKLTVDKSRWQQGNV FSCSV MHEALHNHYTQKSLSLSPGK</p> |

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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

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| 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 |

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