

Recombinant Human TREM2 Protein, Fc-tagged

Cat. No. TREM2-30H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TREM2 Protein, fused to Fc-tag, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a membrane protein that forms a receptor signaling complex with the TYRO protein tyrosine kinase binding protein. The encoded protein functions in immune response and may be involved in chronic inflammation by triggering the production of constitutive inflammatory cytokines. Defects in this gene are a cause of polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOSL). Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	50mM Tris 7.5, 100mM Glycine, 25mM Arginine, 150mM NaCl.
Molecular Mass	43.6 kDa
AA Sequence	HNTTVFQGVAGQSLQVSCPYDSMKHWGRHKAWCRQLGEKGPCQRVVSTHNLWL LSFLRRWNGSTAITDDTLGGTLTITLRNLQPHDAGLYQCQSLHGSEADTLRKVLVEV LADPLDHRDAGDLWFPGESESFEDAHVEHSISRSLLEGEIPFPPTSEPKSSDKTHTC PPCPAPEAEGAPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPSSIEKTISKA KGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTP PVLDSGDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK

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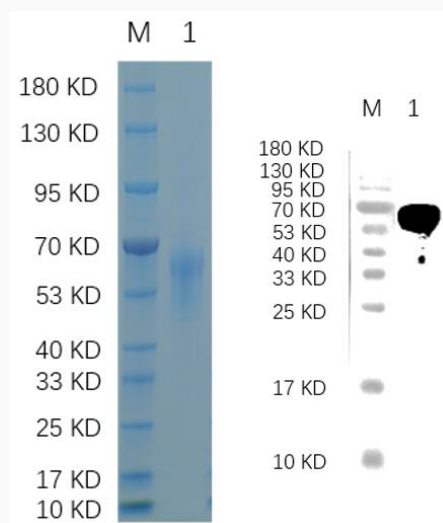
Purity	>95%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
GENE INFORMATION	
Gene Name	TREM2 triggering receptor expressed on myeloid cells 2 [Homo sapiens (human)]
Official Symbol	TREM2
Synonyms	PLOSL2; TREM-2; Trem2a; Trem2b; Trem2c
Gene ID	54209
mRNA Refseq	NM_018965
Protein Refseq	NP_061838
MIM	605086
UniProt ID	Q9NZC2

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SDS-PAGE



Reducing 12% SDS-PAGE and WB analysis profile of purified TREM2.

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