

Recombinant Full Length Human TREM2 Protein, N-GST-tagged

Cat. No. TREM2-13HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TREM2 Protein, fused to GST-tag at N-terminus, was expressed in Wheat Germ (in vitro).
Species	Human
Source	Wheat Germ
ProteinLength	1-222 aa
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	50.16 kDa
AA Sequence	MEPLRLLILLFVTELSGAHNTTVFQGVAGQSLQVSCPYDSMKHWGRRKAWCRQLG EKGPCQRVVSTHNLWLLSFLRRWNGSTAITDDTLGGTLTITLRNLQPHDAGLYQCQ SLHGSEADTLRKVLVEVLADPLDHRDAGDLWFPGESESFEDAHVEHSISRPSQGSH

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LPSCLSKEPLGRRNPLPTHFHPSPGLHLSHQDSSSQRPLGCSLAWTEARDTSTQ

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

TREM2 triggering receptor expressed on myeloid cells 2 [Homo sapiens (human)]

Official Symbol

TREM2

Synonyms

TREM2; triggering receptor expressed on myeloid cells 2; PLOSL2; TREM-2;
Trem2a; Trem2b; Trem2c

Gene ID

54209

mRNA Refseq

NM_018965.4

Protein Refseq

NP_061838.1

MIM

605086

UniProt ID

Q9NZC2

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SDS-PAGE

12.5% SDS-PAGE Stained with Coomassie Blue.

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