

## Product datasheet for **TP701236**

### TREM2 (NM\_018965) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human triggering receptor expressed on myeloid cells 2 (TREM2), Met1-Ser174, with C-terminal His tag, secretory expressed in HEK293 cells, 50ug
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC221132, encoding the region Met1-Ser174 of TREM2
Tag:	C-HIS
Predicted MW:	18.28 kDa
Concentration:	>0.05 µg/µL as determined by microplate Bradford method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_061838</a>
Locus ID:	54209
UniProt ID:	<a href="#">Q9NZC2</a> , <a href="#">Q5TCX1</a>
RefSeq Size:	1041
Cytogenetics:	6p21.1
RefSeq ORF:	690
Synonyms:	PLOSL2; TREM-2; Trem2a; Trem2b; Trem2c



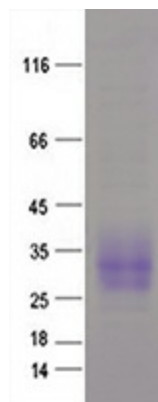
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**Summary:**

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. [provided by RefSeq, Nov 2012]

**Protein Families:**

Druggable Genome, Secreted Protein, Transmembrane

**Product images:**

Purified recombinant protein TREM2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.