

## Product datasheet for **AR51272PU-S**

### TREM2 (19-161, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	TREM2 (19-161, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMHN TTVFQGVAGQ SLQVSCPYPD MKHWGRRKAW CRQLGEKGPC QRVVSTHNLW LLSFLRRWNG STAITDDTLG GTLTITLRNL QPHDAGLYQC QSLHGSEADT LRKVLVEVLA DPLDHRDAGD LWFPGESESF EDAHVEHSIS R
Tag:	His-tag
Predicted MW:	20.4 kDa
Concentration:	lot specific
Purity:	> 85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TREM2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001258750</a>
Locus ID:	54209
UniProt ID:	<a href="#">Q9NZC2</a>
Cytogenetics:	6p21.1
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:**