

## Product datasheet for **AR50595PU-S**

### TREM1 (21-205, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	TREM1 (21-205, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMATKLTE EKVELKEGQT LDVKCDYTL KFASSQKAWQ IIRDGEMPKT LACTERPSKN SHPVQVGR II LEDYHDHGLL RVRMVNLQVE DSGLYQCVIY QPPKEPHMLF DRIRLVVTKG FSGTPGSNEN STQNVYKIPP TTTKALCPLY TSPRTVTQAP PKSTADVSTP DSEINLTNVT DIIRVPVFN
Tag:	His-tag
Predicted MW:	23.3 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, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TREM1 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_001229518</a>
Locus ID:	54210
UniProt ID:	<a href="#">Q9NP99</a>
Cytogenetics:	6p21.1
Synonyms:	CD354; TREM-1



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**Summary:**

This gene encodes a receptor belonging to the Ig superfamily that is expressed on myeloid cells. This protein amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Jun 2011]

**Protein Families:**

Druggable Genome, Secreted Protein, Transmembrane

**Product images:**