

Product datasheet for AR51272PU-S

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

Product data:

OriGene Technologies, Inc.

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| 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 SLQVSCPYDS 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: | <u>NP 001258750</u> |
| Locus ID: | 54209 |
| UniProt ID: | Q9NZC2 |
| Cytogenetics: | 6p21.1 |
| Synonyms: | PLOSL2; TREM-2; Trem2a; Trem2b; Trem2c |

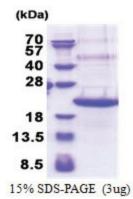


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| | TREM2 (19-161, His-tag) Human Protein – AR51272PU-S |
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| Summary: | This gene encodes a membrane protein that forms a receptor signaling complex with the TYRO protein tyrosine kinase binding protein. 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:



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