

Triggering Receptor Expressed On Myeloid Cells 1 (TREM1) Recombinant Protein | TREM1 recombinant protein

Recombinant Triggering Receptor Expressed On Myeloid Cells 1 (TREM1)

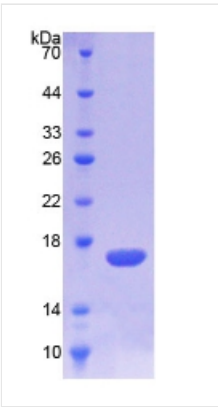
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135538	E Coli	Mus Musculus (Mouse)	Immunoprecipitation, ELISA, Western Blot, SDS-Page

PRODUCT SYNONYMS

Triggering Receptor Expressed On Myeloid Cells 1 (TREM1); Recombinant Triggering Receptor Expressed On Myeloid Cells 1 (TREM1); TREM1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Mus Musculus (Mouse)
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSSEF-AI VLEEERYDLV EGQTLTVKCP FNIMKYANSQ KAWQRLPDGK EPLTLVVTQR PFTRPSEVHM GKFTLKHDPSE EAMLQVQMTD LQVTDSEGLYR CVIYHPPNDP VVLFHPVRLV VTKGSSSDVFT PVIIPITRLT ERPILITTKY SPSDTTTTRS LPKPTAVVSS PGLGVITIING TDADSVSTSS VTISVICGLL SKSLVFILF IVTKRTFG
Sequence Length	230
Applicable Applications for TREM1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Expression System	Prokaryotic expression
Residues	Ala21~Gly230 (Accession # Q9JKE2) with N-terminal His-Tag
Subcellular Location	Membrane; Single-pass type I membrane protein.
Predicted isoelectric point	8.4
Accurate Molecular Mass	17kDa as determined by SDS-PAGE reducing conditions.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in ddH2O.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



AIVLEEERYD LVEGQTLTVK CPFNIMKYAN
SQKAWQRLPD GKEPLTLVVT QRPFTRPSEV HMGKFTLKHD PSEAMLQVQM
TDLQVTDSSL YRCVIYHPPN DPVVLFPVR LVVTGSSDV FTPVLIPTIR
LTERPILITT KYSPSDTTTT RSLPKPTAVV SSPGLGVTII NGTDADSVST
SSVTISVIG LLSKSLVFII LFIVTKRTFG

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	10946760
NCBI GeneID	58217
NCBI Accession #	NP_067381.1
NCBI GenBank Nucleotide #	NM_021406.5
UniProt Accession #	Q9JKE2; Q3TAL7
Molecular Weight	24.7kDa
NCBI Official Full Name	triggering receptor expressed on myeloid cells 1
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells 1
NCBI Official Symbol	Trem1
NCBI Protein Information	triggering receptor expressed on myeloid cells 1; triggering receptor expressed in monocytes 1
UniProt Protein Name	Triggering receptor expressed on myeloid cells 1
UniProt Gene Name	Trem1
UniProt Synonym Gene Names	TREM-1
UniProt Entry Name	TREM1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.