Triggering Receptor Expressed On Myeloid Cells 2 Recombinant Protein | TREM2 recombinant protein

Recombinant Triggering Receptor Expressed On Myeloid Cells 2 (TREM2)

CATALOG #	HOST	APPLICATIONS
AAA144278	**Host: E ColiSource: Prokaryotic expression**	**Immunoprecipitation, ELISA, Western Blot, SDS-Page**

PRODUCT SYNONYMS

Triggering Receptor Expressed On Myeloid Cells 2; Recombinant Triggering Receptor Expressed On Myeloid Cells 2 (TREM2); TREM2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow.MEPLHVF VLLLVTELSQ ALNTTVLQGV AGQSLRVSCT YDALRHWGRR KAWCRQLAEE GPCQRVVSTH GVWLLAFLRK QNGSTVITDD TLAGTVTITL RNLQAGDAGL YQCQSLRGRE AEVLQKVVVE VLEDPLDDQD AGDLWVPEES ESFEGAQVEH STSSQVSSCG SPLTYHLPPK EPIRKDLLPT HFHSSPPGLC PPEQASYSQH PLGCGQGQAE AGDTCGQWAR L
Sequence Length	230
Applicable Applications for TREM2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	54.9kDa
Accurate Molecular Mass (KD)	55kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and GST-tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Met1~Leu228
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	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. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES

Application Data

SDS-PAGE

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	9507203
NCBI GeneID	54209
NCBI Accession #	NP_061838.1
NCBI GenBank Nucleotide #	NM_018965.3
Molecular Weight	24,669 Da
NCBI Official Full Name	triggering receptor expressed on myeloid cells 2 isoform 1
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells 2
NCBI Official Symbol	TREM2
NCBI Official Synonym Symbols	TREM-2; Trem2a; Trem2b; Trem2c
NCBI Protein Information	triggering receptor expressed on myeloid cells 2
UniProt Protein Name	Triggering receptor expressed on myeloid cells 2
UniProt Gene Name	**TREM2**
UniProt Synonym Gene Names	TREM-2
UniProt Entry Name	TREM2_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/trem2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144278