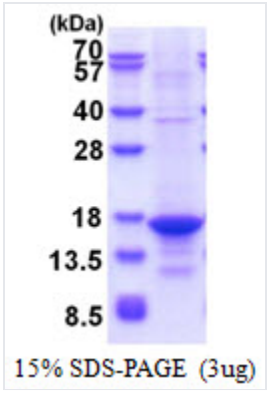
TNFSF13 Recombinant Protein

PRODUCT OVERVIEW

Product Name	TNFSF13, Recombinant Protein
Full Product Name	TNFSF13, 105-247aa, Human, T7-tagged, E Coli (Denatured)
Product Gene Name	TNFSF13 recombinant protein
Product Synonym Names	tumor necrosis factor (ligand) superfamily member 13; tumor necrosis factor (ligand) superfamily; member 13; APRIL; CD256; TALL2; TRDL-1; ligand; uNQ383/PRO715
Sequence	MASMTGGQQM GRGSHMAVLT QKQKKQHSVL HLVPINATSK DDSDVTEVMW QPALRRGRGL QAQGYGVRIQ DAGVYLLYSQ VLFQDVTFTM GQVVSREGQG RQETLFRCIR SMPSHPDRAY NSCYSAGVFH LHQGDILSVI IPRARAKLNL SPHGTFLGL
Host	E Coli
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Purity/Purification	> 85% by SDS-PAGE
Concentration	1mg/ml (determined by Bradford assay) (lot specific)
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.
Molecular Weight	17.6kDa (159aa)
OMIM	AF046888 mRNA
3D Structure	ModBase 3D Structure for O75888
Antigen Species	Human
Tag Information	T7 tag
Product Categories/Family for TNFSF13 recombinant protein	Cancer
Applications Tested/Suitable for TNFSF13 recombinant protein	SDS-PAGE
Application Notes for TNFSF13 recombinant protein	This protein is denatured. Denatured protein is most likely not the best option for functional studies. Denatured protein is better suited for Western Blot (WB) or imaging assays. Applications are user determined.
Related Product Information for TNFSF13 recombinant protein	TNFSF13 is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. TNFSF13 and its receptor are both found to be important for B cell development. In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such as TNFRSF6/FAS and TNFRSF14/HVEM. Alternative splicing results in multiple transcript variants. Recombinant human TNFSF13 protein, fused to T7-tag at N-terminus, was expressed in E Coli.
Product References and Citations for TNFSF13 recombinant protein	Pollard,R.P, et al. (2013) Ann. Rheum. Dis. 72 (1), 146-148; Notas,G., et al. (2012) J. Immunol. 189 (10), 4748-4758;
Other Notes	Small volumes of TNFSF13 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for TNFSF13 purchase	MBS205568 is a recombinant protein targeting TNFSF13. Also known as TNFSF13, 105-247aa, Human, T7-tagged, E Coli (Denatured). Host: E Coli.



SDS-Page of TNFSF13 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNFSF13. It may not necessarily be applicable to this product.

NCBI GI #	26051248
NCBI GeneID	8741
NCBI Accession #	NP_742085
UniProt Primary Accession #	O75888
UniProt Secondary Accession #	Q541E1; Q5U0G8; Q96HV6; Q9P1M8; Q9P1M9; A8MYD5; B4DVT2
UniProt Related Accession #	O75888
GenBank Nucleotide #	NM_172088.2
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 13 isoform gamma
NCBI Official Synonym Full Names	TNF superfamily member 13
NCBI Official Symbol	TNFSF13
NCBI Official Synonym Symbols	APRIL; CD256; TALL2; ZTNF2; TALL-2; TNLG7B; TRDL-1; UNQ383/PRO715
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 13
UniProt Synonym Protein Names	A proliferation-inducing ligand; APRIL; TNF- and APOL-related leukocyte expressed ligand 2; TALL-2; TNF-related death ligand 1; TRDL-1; CD_antigen: CD256
Protein Family	Tumor necrosis factor ligand superfamily
UniProt Gene Name	TNFSF13
UniProt Synonym Gene Names	APRIL; TALL2; ZTNF2; APRIL; TALL-2; TRDL-1
NCBI Protein Information	tumor necrosis factor ligand superfamily member 13
NCBI Summary for TNFSF13	The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. This protein and its receptor are both found to be important for B cell development. In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such as TNFRSF6/FAS and TNFRSF14/HVEM. Alternative splicing results in multiple transcript variants. Some transcripts that skip the last exon of the upstream gene (TNFSF12) and continue into the second exon of this gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq, Oct 2010]
UniProt Comments for TNFSF13	Cytokine that binds to TNFRSF13B/TACI and to TNFRSF17/BCMA. Plays a role in the regulation of tumor cell growth. May be involved in monocyte/macrophage-mediated immunological processes.

Research Articles on TNFSF13	**1.** APRIL levels are associated with disease activity in human chronic graft-versus-host disease.
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