CD269/TNFRSF17/BCMA Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	CD269/TNFRSF17/BCMA, Recombinant Protein
Full Product Name	Recombinant Human CD269/TNFRSF17/BCMA Protein, C-Fc
Product Gene Name	CD269/TNFRSF17/BCMA recombinant protein
Product Synonym Names	Tumor necrosis factor receptor superfamily member 17; B-cell maturation protein; CD269; TNFRSF17; BCM; BCMA
Host	Mammalian
Form/Format	Lyophilized from a solution in PBS pH7.4, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 degree C for twelve months from the date of receipt.
Molecular Weight	14,843 Da
Sequence Positions	Leu2-Ala54
OMIM	109545
3D Structure	ModBase 3D Structure for Q02223
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for CD269/TNFRSF17/BCMA recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for CD269/TNFRSF17/BCMA recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for CD269/TNFRSF17/BCMA recombinant protein	MBS1577901 is a recombinant protein targeting CD269/TNFRSF17/BCMA. Also known as Recombinant Human CD269/TNFRSF17/BCMA Protein, C-Fc. Host: Mammalian.
Other Notes	Small volumes of CD269/TNFRSF17/BCMA 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD269/TNFRSF17/BCMA. It may not necessarily be applicable to this product.

NCBI GI #	23238192
NCBI GeneID	608
NCBI Accession #	NP_001183.2
UniProt Primary Accession #	Q02223

UniProt Secondary Accession #	Q2TQ40
UniProt Related Accession #	Q02223
GenBank Nucleotide #	NM_001192.2
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 17
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 17
NCBI Official Symbol	TNFRSF17
NCBI Official Synonym Symbols	BCM; BCMA; CD269; TNFRSF13A
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 17
UniProt Synonym Protein Names	B-cell maturation protein; CD_antigen: CD269
UniProt Gene Name	TNFRSF17
UniProt Synonym Gene Names	BCM; BCMA
UniProt Entry Name	TNR17_HUMAN
NCBI Protein Information	tumor necrosis factor receptor superfamily member 17; B cell maturation antigen; B-cell maturation factor; B-cell maturation protein
NCBI Summary for CD269/TNFRSF17/BCMA	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation. [provided by RefSeq, Jul 2008]
UniProt Comments for CD269/TNFRSF17/BCMA	TNFRSF17: Receptor for TNFSF13B/BLyS/BAFF and TNFSF13/APRIL. Promotes B-cell survival and plays a role in the regulation of humoral immunity. Activates NF-kappa-B and JNK. A chromosomal aberration involving TNFRSF17 is found in a form of T-cell acute lymphoblastic leukemia (T-ALL). Translocation t(4;16)(q26;p13) with IL2. Protein type: Membrane protein, integral; Oncoprotein; Receptor, misc. Chromosomal Location of Human Ortholog: 16p13.1 Cellular Component: integral to membrane; plasma membrane; endomembrane system Molecular Function: receptor activity Biological Process: cell proliferation; immune system process; multicellular organismal development; signal transduction
Research Articles on CD269/TNFRSF17/BCMA	**1.** BAFF and APRIL as well as their cognate receptors (BCMA, TACI) correlate with glioma grade. (Meta-analysis)
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