

Tumor Necrosis Factor Receptor Superfamily Member 17 (TNFRSF17) Active Protein | Tnfrsf17 active protein

Recombinant Human Tumor Necrosis Factor Receptor Superfamily Member 17 (TNFRSF17), Partial (Active)

CATALOG # AAA243734	HOST Mammalian cell
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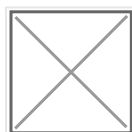
PRODUCT SYNONYMS

Tumor Necrosis Factor Receptor Superfamily Member 17 (TNFRSF17); Recombinant Human Tumor Necrosis Factor Receptor Superfamily Member 17 (TNFRSF17); Partial (Active); B-cell maturation protein; CD_antigen: CD269; Tnfrsf17 active protein

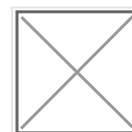
PRODUCT SPECIFICATIONS

Host	Mammalian cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered PBS, 6% Trehalose, pH 7.4
Sequence Positions	1-54aa; Partial
Sequence	MLQMAGQCSQ NEYFDSLHA CIPCQLRCSS NTPPLTCQRY CNASVTNSVK GTNA
Sequence Length	184
Species	Human
Tag	C-terminal FC-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Biological Activity	1. Measured by its binding ability in a functional ELISA. Immobilized BCMA at 2 ?g/ml can bind Anti-BCMA recombinant antibody, the EC50 of human BCMA protein is 1.912-2.488 ng/ml. 2. Measured by its binding ability in a functional ELISA. Immobilized TNFSF13B at 10 ?g/ml can bind human BCMA, the EC50 of human BCMA protein is 221.3-298.6 ng/ml. 3. Human TNFSF13B protein Fc tag captured on COOH chip can bind Human BCMA protein Fc tag (CSB-MP023974HU1) with an affinity constant of 39 nM as detected by LSPR Assay. 4. Measured by its binding ability in a functional ELISA. Immobilized human BCMA at 5 ?g/ml can bind Biotinylated human TNFSF13B , the EC50 is 0.1752-0.3657 ng/ml.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



Bioactivity



SDS-PAGE

Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Related Product Information for Tnfrsf17 active protein	Receptor for TNFSF13B/BlyS/BAFF and TNFSF13/APRIL. Promotes B-cell survival and plays a role in the regulation of humoral immunity.
Product Categories/Family for Tnfrsf17 active protein	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	23238192
NCBI GeneID	608
NCBI Accession #	NP_001183.2
NCBI GenBank Nucleotide #	NP_001183.2
UniProt Accession #	Q02223
Molecular Weight	34.8 kDa
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 17
NCBI Official Synonym Full Names	TNF receptor superfamily member 17
NCBI Official Symbol	TNFRSF17
NCBI Official Synonym Symbols	BCM; BCMA; CD269; TNFRSF13A
NCBI Protein Information	tumor necrosis factor receptor superfamily member 17
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 17
UniProt Gene Name	TNFRSF17
UniProt Synonym Gene Names	BCM; BCMA
UniProt Entry Name	TNR17_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/mammalian-cell-active-protein/tumor-necrosis-factor-receptor-superfamily-member-17-tnfrsf17/243734>