

# Recombinant Human TNFRSF17

**Cat. No.** TNFRSF17-2604H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human Tumor Necrosis Factor Receptor Superfamily, Member 17 produced in <i>E. Coli</i> is a single, non-glycosylated, polypeptide chain containing 50 amino acids and having a molecular mass of 5.3 kDa. The TNFRSF17 is purified by standard chromatographic techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	TNFRSF17 is a receptor for tnfsf13b/blys/baff and tnfsf13/april. TNFRSF17 promotes b-cell survival and plays a role in the regulation of humoral immunity. TNFRSF17 activates nf-kappa-b and jnk. TNFRSF17 is a member of the TNF-receptor superfamily. TNFRSF17 is expressed in mature B lymphocytes, and is involved in B cell development and autoimmune response. TNFRSF17 specifically binds to the tumor TNFSF13B/TALL-1/BAFF, which causes NF-kappaB and MAPK8/JNK activation. TNFRSF17 binds to a variety of TRAF family members, and therefore transduces signals for cell survival and proliferation. TNFRSF17 is a type III membrane protein having 1 extracellular cysteine rich domain. Within the TNFRSF, it shares the highest homology with TACI.
<b>Purity</b>	Greater than 98% as determined by SDS-PAGE.
<b>Sequence</b>	AGQCSQNEYF DSSLHACIPC QLRCSSNTPP LTCQRYCNAS VTNSVKGTNA.
<b>Physical Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.

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<b>Formulation</b>	1mg of TNFRSF17 Human contains 20mM PBS, pH-7.4, and 130mM NaCl.
<b>Solubility</b>	It is recommended to reconstitute the lyophilized TNFRSF17 in sterile 18MΩ-cm H <sub>2</sub> O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.
<b>Storage</b>	Lyophilized TNFRSF17 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TNFRSF17 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	TNFRSF17 tumor necrosis factor receptor superfamily, member 17 [ Homo sapiens ]
<b>Synonyms</b>	TNFRSF17; tumor necrosis factor receptor superfamily, member 17; BCM; BCMA; CD269; TNFRSF17; tumor necrosis factor receptor superfamily member 17; B-cell maturation factor; B-cell maturation protein
<b>Gene ID</b>	608
<b>mRNA Refseq</b>	NM_001192
<b>Protein Refseq</b>	NP_001183
<b>MIM</b>	109545
<b>UniProt ID</b>	Q02223
<b>Chromosome Location</b>	16p13.1

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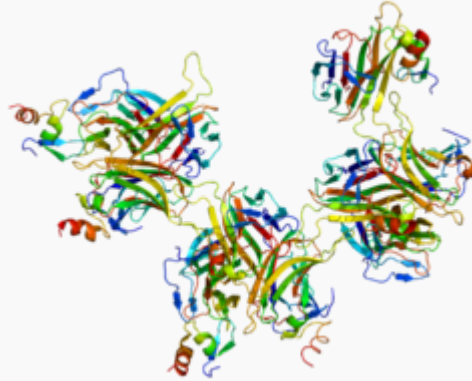
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**Pathway** Cytokine-cytokine receptor interaction; Intestinal immune network for IgA production

**Function** protein binding; receptor activity; tumor necrosis factor receptor activity

PDB rendering based  
on 1oqd.



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