Active Recombinant Human TNFRSF17, Fc-tagged, Biotinylated

Cat. No. TNFRSF17-552H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human BCMA-Fc fusion is expressed as a 281 amino acid protein consisting of Leu2 - Ala54 region of BCMA (UniProt accession #Q02223) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	2-54 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Binds to its ligand APRIL and BAFF. Inhibits APRIL-- and BAFF-mediated signaling activities including NF-κB activation and proliferation of anti--IgM co-stimulated B cells.
Molecular Mass	Calculated molecular mass (kDa): 31.3; Estimated by SDS-PAGE under reducing condition (kDa): ~45
Endotoxin	<0.1 eu per 1 μg of purified recombinant protein determined by the
Purity	>95% judged by SDS-PAGE under reducing condition

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.
Conjugation	Biotin

GENE INFORMATION

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

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Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Intestinal immune network for IgA production, organism-specific biosystem; Intestinal immune network for IgA production, conserved biosystem;
Function	receptor activity; tumor necrosis factor-activated receptor activity;

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