

Recombinant Human TNFRSF17 Protein (50 aa)

Cat. No. TNFRSF17-136T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF17 Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	50
Description	BCMA, a member of the TNF receptor superfamily, binds to BAFF and APRIL. BCMA is expressed on mature B-cells and other B-cell lines and plays an important role in B cell development, function and regulation. BCMA also has the capability to activate NF-kappaB and JNK. The human BCMA gene codes for a 184 amino acid type I transmembrane protein, which contains a 54 amino acid extracellular domain, a 23 amino acid transmembrane domain, and a 107 amino acid extracellular domain.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Bio-activity	Data Not Available.
Molecular Mass	Approximately 5.3 KDa, a single non-glycosylated polypeptide chain containing 50 amino acids.
AA Sequence	AGQCSQNEYFDSLLHACIPCQLRCSSNTPPLTCQRYCNASVTNSVKGTNA
Endotoxin	Less than 1 EU/mg of rHuIL-1 α as determined by LAL method.

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Purity	>98% by SDS-PAGE and HPLC analyses.
Storage	This lyophilized preparation is stable at 2-8 centigrade, but should be kept at -20 centigrade for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8 centigrade. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 to -70 centigrade. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2µm filtered concentrated solution in 30% acetonitrile, 0.1% TFA.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at < -20 centigrade. Further dilutions should be made in appropriate buffered solutions.

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

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Protein Refseq NP_001183

MIM 109545

UniProt ID Q02223

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