

BCMA/TNFRSF17 Protein, Human, Recombinant (His & Avi), FITC-Labeled

General Information

Synonyms:	CD269;TNFRSF17;TNFRSF13A;BCMA;BCM
Protein Construction:	Met1-Ala54
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q02223-1
Molecular Weight:	8.9 kDa (predicted). Due to glycosylation, the protein migrates to 12 kDa and 15-17 kDa based on Tris-Bis PAGE result.

QC Testing

Biological Activity:	Immobilized FITC-Labeled Human BCMA, His Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human BAFF, His Tag with the EC50 of 8.2 ng/mL determined by ELISA.
Purity:	> 95% as determined by Tris-Bis PAGE
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).

Preparation and Storage

Stability & Storage:

It is recommended to store the product under sterile conditions at -70°C or lower. Samples are stable for up to 12 months at -80°C. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

B-cell maturation antigen (BCMA or BCM), also known as tumor necrosis factor receptor superfamily member 17 (TNFRSF17), is a protein that in humans is encoded by the TNFRSF17 gene. TNFRSF17 is a cell surface receptor of the TNF receptor superfamily which recognizes B-cell activating factor (BAFF).

Reference

Bossen C , Schneider P. BAFF, APRIL and their receptors: Structure, function and signaling[J]. Seminars in Immunology, 2006, 18(5):0-275.

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