

BCMA/TNFRSF17 (C-Fc), Human, Recombinant

Cat. No. : PCK108

General Information

Synonyms	Tumor necrosis factor Receptor superfamily member 17;TNFRSF17;B-cell maturation Protein;CD269
Species	Human
Expression host	Human Cells
Sequence	Met1-Ala54
Accession	Q02223
Mol mass	32.8kDa
Expiration date	12 months
Bio activity	Loaded Mouse BAFF-mFc on AMC Biosensor, can bind Human BCMA-Fc with an affinity constant of 0.44 nM as determined in BLI assay.

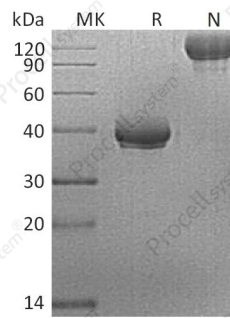
Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

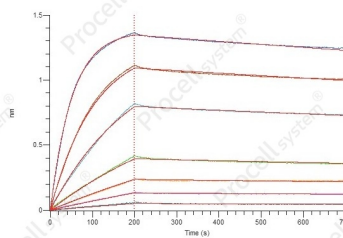
Background

B cell maturation Protein (BCMA) is a type III membrane Protein which belongs to the TNF Receptor superfamily (TNFRSF17). BCMA contains one extracellular cysteine rich domain, as well as TACI. Human BCMA is a 184 amino acid (aa) Protein consisting of a 54 aa extracellular domain, a 23 aa transmembrane domain, and a 107 aa intracellular domain. Mouse and human BCMA share 62% amino acid identity. BCMA is mainly expressed in immune organs and mature B cell lines. BCMA appears to be localized to the Golgi compartment. BCMA may play an important role in B cell development, function and regulation.

SDS-PAGE



Bio activity



Loaded Human APRIL-His on HIS1K Biosensor, can bind Human BCMA-Fc with an affinity constant of 0.48 nM as determined in BLI assay.

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