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## Product Datasheet

### Recombinant Human BCMA (C-Fc) EBT-EPT174

Artikelname	Recombinant Human BCMA (C-Fc)
Artikelnummer	EBT-EPT174
Hersteller Artikelnummer	EPT174
Alternativnummer	EBT-EPT174-50
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Human B-cell Maturation Protein is produced by our Mammalian expression system and the target gene encoding Met1-Ala54 is expressed with a Fc tag at the C-terminus....
Molekulargewicht	Molecular weight: 32.8 KDa. Apparent molecular weight: 38-40 KDa, reducing conditions
UniProt	<a href="#">Q02223</a>
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ $\mu$ g (1 EU/ $\mu$ g) as determined by LAL test. Biological activity: Loaded Mouse BAFF-mFc(CatC06U) on AMC Biosensor, can bind Human BCMA-Fc(CatCS79) with an affinity constant of 0.44 nM as determined in BLI assay.. 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.