

## Product datasheet for **TP726603**

### Cynomolgus Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Cynomolgus BCMA (C-6His)
<b>Species:</b>	Cynomolgus
<b>Expression cDNA Clone or AA Sequence:</b>	Met1-Ala53
<b>Tag:</b>	C-6His
<b>Buffer:</b>	Lyophilized from a 0.2 um filtered solution of 50 mM Tris-HCl, 100 mM Glycine, pH7.5.
<b>Note:</b>	Recombinant Cynomolgus B-cell maturation protein is produced by our Mammalian expression system and the target gene encoding Met1-Ala53 is expressed with a 6His tag at the C-terminus.
<b>Stability:</b>	12 months from date of despatch
<b>Summary:</b>	B cell maturation antigen (BCMA) is a member of the TNF receptor superfamily. It has been designated TNFRSF17. BCMA is a type III membrane protein containing one extracellular cysteine rich domain. Within the TNFRSF, it shares the highest homology with TACI. BCMA and TACI have both been shown to bind to APRIL and BAFF, members of the TNF ligand superfamily. BCMA expression has been found in immune organs and mature B cell lines. Although some expression has been observed at the cell surface, BCMA appears to be localized to the Golgi compartment. The binding of BCMA to APRIL or BAFF has been shown to stimulate IgM production in peripheral blood B cells and increase the survival of cultured B cells. This data suggests that BCMA may play an important role in B cell development,function and regulation.



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