

## Product datasheet for **TP727090**

### BCMA (TNFRSF17) Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant Human Tumor Necrosis Factor Receptor/TNFRSF17/BCMA/CD269 (C-6His)   |
| Species:                              | Human   |
| Expression cDNA Clone or AA Sequence: | Met1-Ala54  |
| Tag:                                  | C-His   |
| Buffer:                               | Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.  |
| Note:                                 | Recombinant Human Tumor Necrosis Factor Receptor Superfamily Member 17 is produced by our P.Pichia expression system and the target gene encoding Met1-Ala54 is expressed with a 6His tag at the C-terminus.  |
| Stability:                            | 12 months from date of despatch   |
| Locus ID:                             | 608   |
| UniProt ID:                           | <a href="#">Q02223</a>  |
| Summary:                              | <p>B cell maturation antigen (BCMA) is a member of the TNF receptor superfamily. It has been designated TNFRSF17. 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. 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.</p> |



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