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# BCMA/TNFRSF17

Catalog # PVGS1726

## Product Information

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| **Primary Accession** | Q02223 |
| **Species** | Human |
| **Sequence** | Met1-Ala54 |
| **Purity** | > 95% as determined by Bis-Tris PAGE<br>> 95% as determined by HPLC |
| **Endotoxin Level** | Less than 1EU per μg by the LAL method. |
| **Biological Activity** | Immobilized BCMA/TNFRSF17 Trimer, His & Avi, Human (Cat.No.: Z03848) at 1 μg/ml (100 μl/Well) on the plate can bind Human BAFF, hFc Tag. |
| **Expression System** | HEK293 |
| **Theoretical Molecular Weight** | 29.5 kDa |
| **Formulation** | Lyophilized from a 0.22 μm filtered solution in PBS, pH 7.4. |
| **Reconstitution** | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| **Storage & Stability** | Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles. |

## Additional Information

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| **Gene ID** | 608 |
| **Other Names** | Tumor necrosis factor receptor superfamily member 17, B-cell maturation protein, CD269, TNFRSF17, BCM, BCMA |
| **Target Background** | BCMA (B-cell maturation antigen), also called TNFRSF17, is encoded by the TNFRSF17 gene. It acts as a cell surface receptor of the TNF receptor superfamily. BCMA recognizes B-cell activating factor (BAFF). It interacts with the B-cell activating factor TNFSF13B. |

## Protein Information

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| **Name** | TNFRSF17 |

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| **Synonyms** | BCM, BCMA |
| **Function** | Receptor for TNFSF13B/BLyS/BAFF and TNFSF13/APRIL. Promotes B-cell survival and plays a role in the regulation of humoral immunity. Activates NF-kappa-B and JNK. |
| **Cellular Location** | Cell membrane; Single-pass type III membrane protein. Endomembrane system; Single-pass type III membrane protein Note=Perinuclear Golgi-like structures |
| **Tissue Location** | Expressed in mature B-cells, but not in T-cells or monocytes |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.