

BCMA/TNFRSF17

Catalog # PVGS1727

Product Information

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| Primary Accession Species | Q02223 Human |
| Sequence | Met1-Ala54 |
| Purity | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC |
| Endotoxin Level | Less than 1EU per μ g by the LAL method. |
| Biological Activity | Immobilized Human BAFF, hFc Tag at 1 μ g/ml (100 μ l/well) on the plate can bind BCMA/TNFRSF17 Trimer[Biotin], His & Avi, Human(Cat.No.: Z03850). |
| Expression System | HEK293 |
| Theoretical Molecular Weight | 29.5 kDa |
| Formulation Reconstitution | Lyophilized from a 0.22 μ m filtered solution in PBS, pH 7.4. Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/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'.