

FITC-Compatible Human BCMA/TNFRSF17 Protein



Cat. No. BCM-HM117C

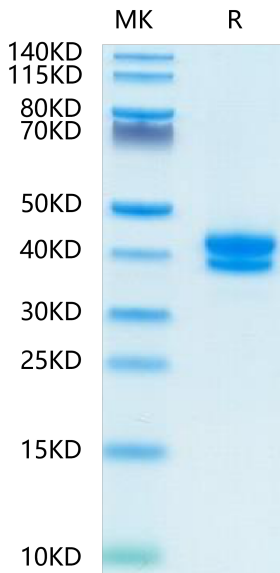
| Description | |
|------------------|---|
| Source | Recombinant FITC-Compatible Human BCMA/TNFRSF17 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Met1-Ala54. |
| Accession | Q02223-1 |
| Molecular Weight | The protein has a predicted MW of 35.9 kDa. Due to glycosylation, the protein migrates to 37-48 kDa based on Bis-Tris PAGE result. |
| Wavelength | Excitation Wavelength: 490 nm Emission Wavelength: 520 nm |
| Endotoxin | Less than 1 EU per µg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC |

| Formulation and Storage | |
|-------------------------|---|
| Formulation | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| Reconstitution | Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions. |
| Storage | -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

| Background | |
|---|--|
| B-cell maturation antigen (BCMA or BCM), also known as tumor necrosis factor receptor superfamily member 17 (TNFRSF17), is a protein that in humans is encoded by the TNFRSF17 gene.TNFRSF17 is a cell surface receptor of the TNF receptor superfamily which recognizes B-cell activating factor (BAFF). | |

Assay Data

Bis-Tris PAGE



FITC-Compatible Human BCMA on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

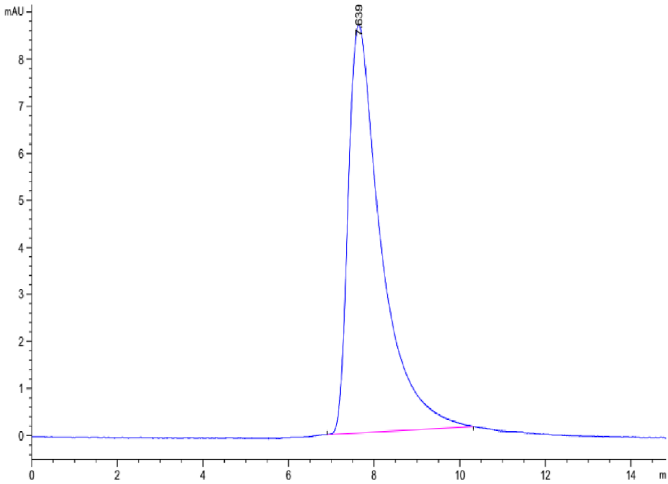
SEC-HPLC

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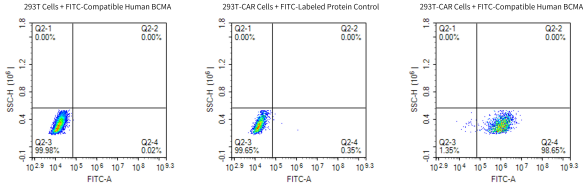


Assay Data



The purity of FITC-Compatible Human BCMA is greater than 95% as determined by SEC-HPLC.

FACS Data



Use 100 μ l FITC-Compatible Human BCMA (1 μ g/ml) to detect the positive rate of 1×10^6 anti-BCMA CAR cells. Non-transfected 293T cells and FITC-Labeled irrelevant protein (100 μ l, 1 μ g/ml) were served as negative control.