

FITC-Labeled Human BCMA/TNFRSF17 Protein

Cat. No. BCM-HM117F

Description

Source	Recombinant FITC-Labeled Human BCMA/TNFRSF17 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Met1-Ala54.
Accession	Q02223-1
Molecular Weight	The protein has a predicted MW of 8.9 kDa. Due to glycosylation, the protein migrates to 12 kDa and 15-17 kDa based on Bis-Tris PAGE result.
Wavelength	Excitation Wavelength: 490 nm Emission Wavelength: 520 nm
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

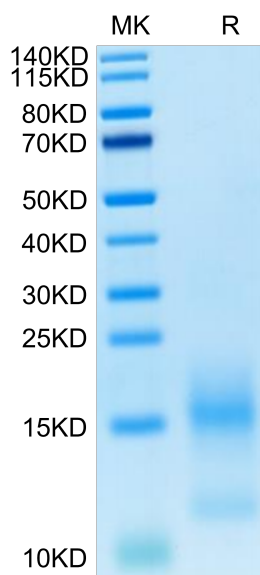
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 6 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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

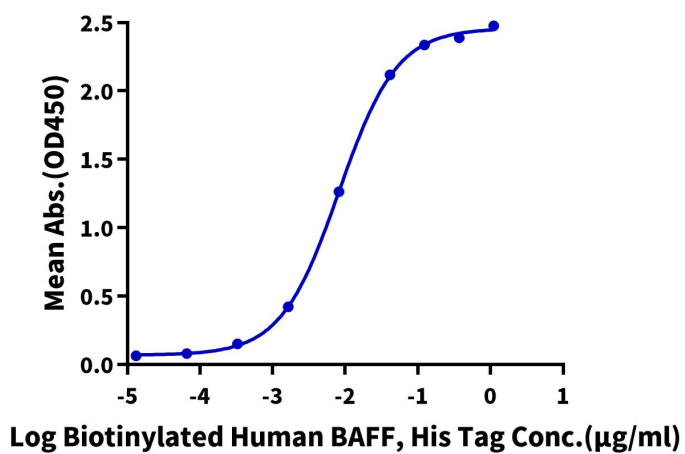


FITC-Labeled Human BCMA on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

FITC-Labeled Human BCMA, His Tag ELISA

0.2µg FITC-Labeled Human BCMA, HisTag Per Well



Immobilized FITC-Labeled Human BCMA, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human BAFF, His Tag with the EC50 of 8.2ng/ml determined by ELISA.