Human BCMA/TNFRSF17 Protein

Cat. No. BCM-HM217

Description

Source	Recombinant Human BCMA/TNFRSF17 Protein is expressed from HEK293 with hFc tag at the C-Terminus.
	It contains Met1-Ala54.
Accession	Q02223-1
Molecular Weight	The protein has a predicted MW of 31.4 kDa. Due to glycosylation, the protein migrates to 35-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

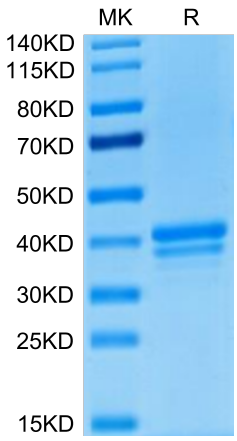
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-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).

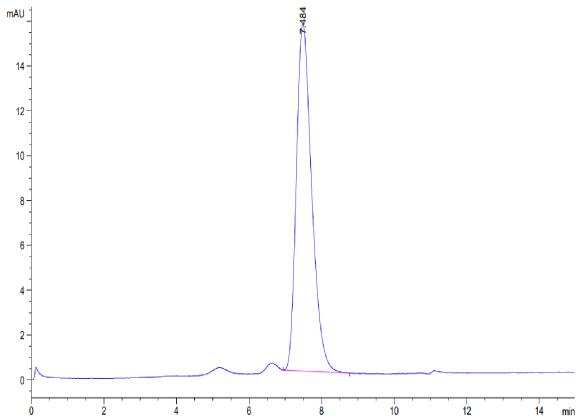
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



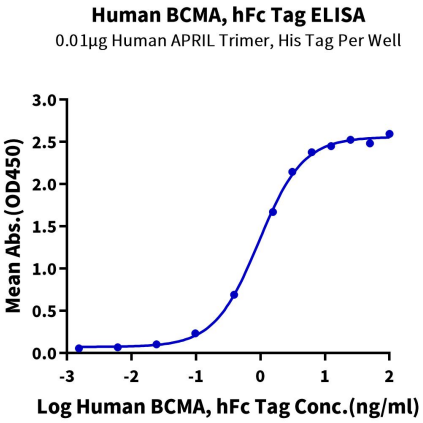
The purity of Human BCMA is greater than 95% as determined by SEC-HPLC.

Human BCMA/TNFRSF17 Protein

Cat. No. BCM-HM217

Assay Data

ELISA Data



Immobilized Human APRIL Trimer, His Tag at 0.1μg/ml (100μl/well) on the plate. Dose response curve for Human BCMA, hFc Tag with the EC50 of 0.9ng/ml determined by ELISA (QC Test).