

Datasheet for ABIN6961074
BCMA Protein (Fc-His Tag)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	BCMA (TNFRSF17)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCMA protein is labelled with Fc-His Tag.
Application:	ELISA

Product Details

Purpose:	Recombinant human BCMA protein with C-terminal human Fc and 6xHis tag
Specificity:	BCMA (Met1-Ala54) hFc (Glu99-Ala330) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	BCMA (TNFRSF17)
Alternative Name:	BCMA (TNFRSF17 Products)
Background:	Synonyms: TNFRSF17, CD269, BCM, BCMA

Target Details

Description: B-cell maturation protein (BCMA or BCM), is also known as Tumor necrosis factor receptor superfamily member 17 (TNFRSF17), which is encoded by the TNFRSF17 gene. TNFRSF17 is a cell surface receptor of the TNF receptor superfamily which recognizes B-cell activating factor (BAFF). This receptor is expressed in immune organs and mature B cell lines. BCMA promotes B-cell survival and plays a role in the regulation of humoral immunity. BCMA can activate NF-kappa-B and JNK.

Molecular Weight:	predicted molecular mass of 32.7 kDa after removal of the signal peptide. The apparent molecular mass of BCMA-hFc-His is 40 kDa due to glycosylation.
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Gene ID:	608
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UniProt:	Q02223
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Reconstitute with deionized water
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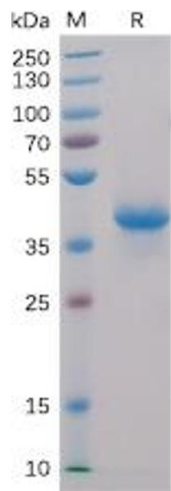
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
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Preservative:	Without preservative
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Storage:	-20 °C,-80 °C
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Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
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Expiry Date:	12 months
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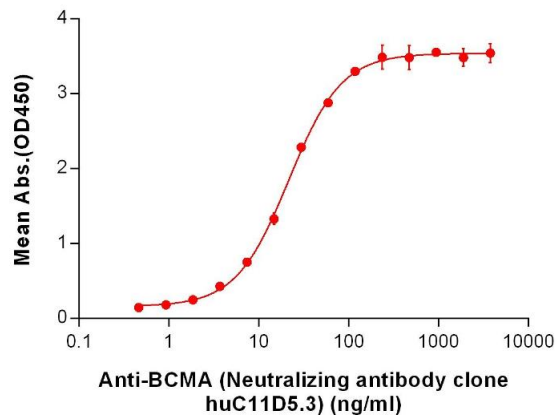


SDS-PAGE

Image 1. Human BCMA, hFc-His Tag on SDS-PAGE under reducing condition.

Human BCMA, hFc-His Tagged protein ELISA

0.2 µg of Human BCMA, hFc-His Tagged protein per well



ELISA

Image 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human BCMA, hFc-His tagged protein can bind Anti-BCMA (Neutralizing antibody clone huC11D5.3) in a linear range of 3.71-22.29 ng/mL.