

Datasheet for ABIN2180644

**BCMA Protein (AA 1-54) (Fc Tag)**

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## Overview

Quantity:	100 µg
Target:	BCMA (TNFRSF17)
Protein Characteristics:	AA 1-54
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This BCMA protein is labelled with Fc Tag.

## Product Details

Sequence:	AA 1-54
Characteristics:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 32 kDa. As a result of glycosylation, the protein migrates as 35-40 kDa under reducing (R) condition, and 66 kDa under non-reducing (NR) condition (SDS-PAGE).
Purity:	>95 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 0.1 EU per µg by the LAL method.

## Target Details

Target:	BCMA (TNFRSF17)
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## Target Details

Alternative Name:	BCMA ( <a href="#">TNFRSF17 Products</a> )
Background:	Tumor necrosis factor receptor superfamily member 17 (TNFRSF17) is also known as B-cell maturation protein (BCMA), CD antigen CD269, which is a member of the TNF-receptor superfamily. TNFRSF17 contains one TNFR-Cys repeat. TNFRSF17 is expressed in mature B-cells, but not in T-cells or monocytes. TNFRSF17 is receptor for TNFSF13B/BLyS/BAFF and TNFSF13/APRIL. TNFRSF17 promotes B-cell survival and plays a role in the regulation of humoral immunity. TNFRSF17 can activate NF-kappa-B and JNK.
Molecular Weight:	32.0 kDa
NCBI Accession:	<a href="#">NP_001183</a>

## Application Details

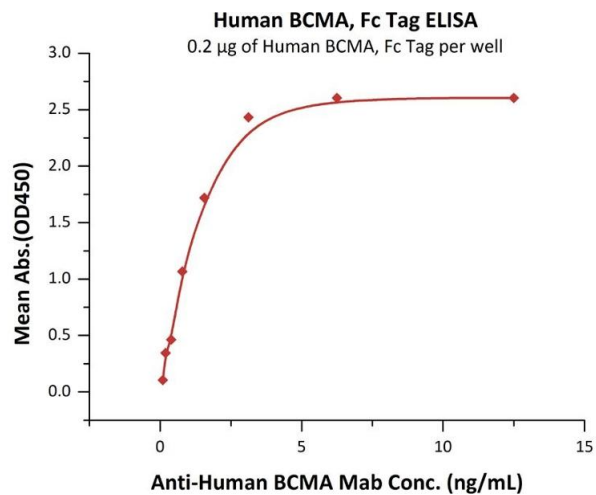
Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).

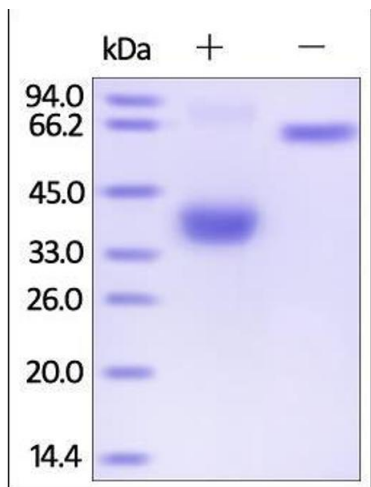
## Publications

Product cited in:	Yu, Huang, Chen, Liu, Wu, Pu, Wang, Kang, Zhou: "Characterization of a novel anti-human lymphocyte activation gene 3 (LAG-3) antibody for cancer immunotherapy." in: <b>mAbs</b> , Vol. 11, Issue 6, pp. 1139-1148, (2019) ( <a href="#">PubMed</a> ).
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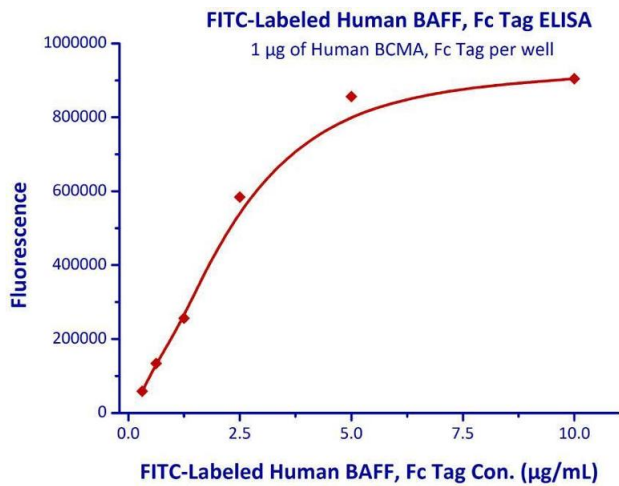
**ELISA**

**Image 1.** Immobilized Human BCMA, Fc Tag (ABIN2180645,ABIN2180644) at 2 µg/mL (100 µL/well) can bind A BCMA Mab with a linear range of 0.1-1.6 ng/mL (Routinely tested).



**SDS-PAGE**

**Image 2.** Human BCMA, Fc Tag on SDS-PAGE under reducing (R) and no-reducing (NR) conditions. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.



**Binding Studies**

**Image 3.** Immobilized Human BCMA, Fc Tag with a linear range of 0.31-1.25 µg/mL.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2180644.