

Datasheet for ABIN4949075

BCMA Protein (AA 1-54) (His tag)

4 Images

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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 His tag.
Application:	Functional Studies (Func)

Product Details

Sequence:	AA 1-54
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 7.5 kDa. the protein migrates as 7-15 kDa under reducing (R) condition, and 15-18 kDa under non-reducing (NR) condition (SDS-PAGE).
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	BCMA (TNFRSF17)
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Target Details

Alternative Name:	BCMA (TNFRSF17 Products)
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:	7.8 kDa
NCBI Accession:	NP_001183

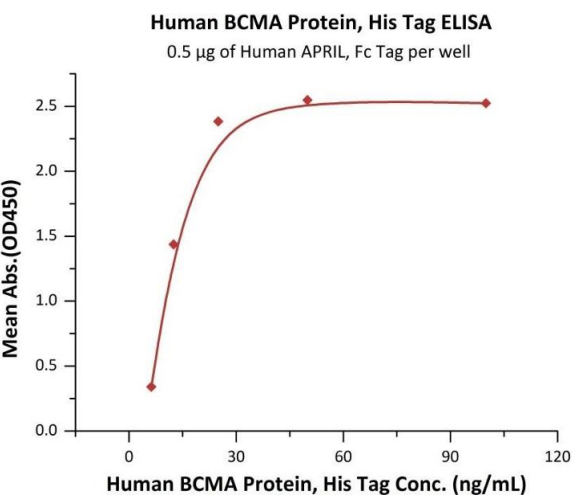
Application Details

Restrictions:	For Research Use only
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Handling

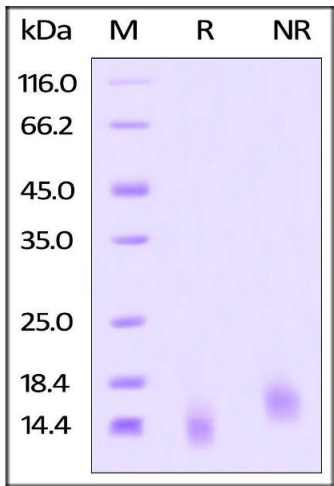
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



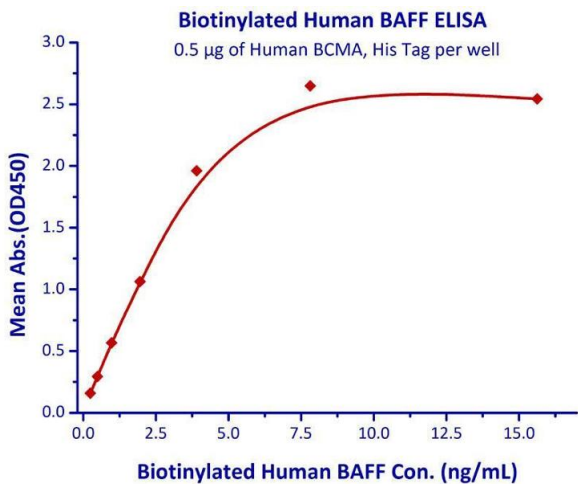
ELISA

Image 1. Immobilized Human APRIL, Fc Tag (ABIN6386452, ABIN6388263) at 5 µg/mL (100 µL/well) can bind Human BCMA Protein, His Tag (ABIN4949075, ABIN4949076) with a linear range of 6-25 ng/mL (Routinely tested).



SDS-PAGE

Image 2. Human BCMA, His 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 90%.



Binding Studies

Image 3. Immobilized Human BCMA, His Tag with a linear range of 0.24-3.9 ng/mL.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN4949075.