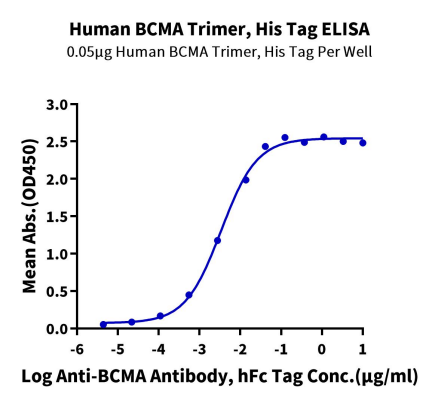
Bioactive CellTx™ HuPro®

TNFRSF17 (Human) Recombinant Protein

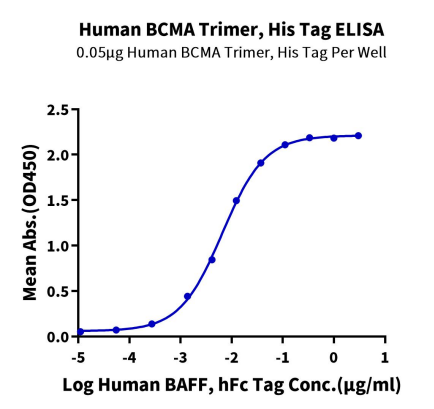
Catalog # P10256 Size 100 ug

Applications



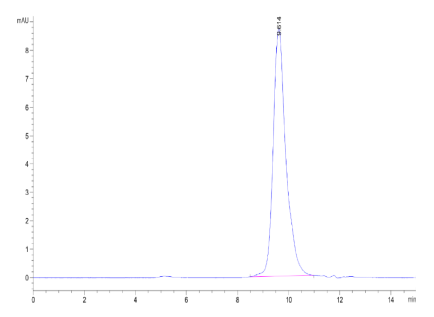
Enzyme-linked Immunoabsorbent Assay

Immobilized Human BCMA Trimer at 0.5 ug/ml (100 ul/Well) on the plate. Dose response curve for Anti-BCMA Antibody, hFc Tag with the EC_{50} of 3.4 ng/ml determined by ELISA.



ELISA

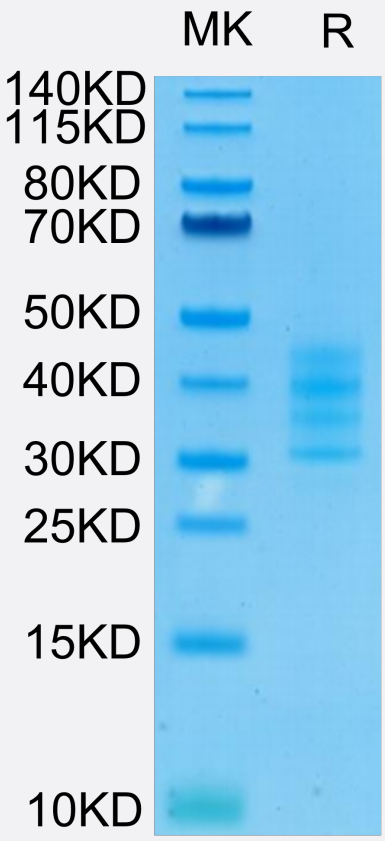
Immobilized Human BCMA Trimer at 0.5 ug/ml (100 ul/Well) on the plate. Dose response curve for Human BAFF, hFc Tag with the EC_{50} of 6.6 ng/ml determined by ELISA (QC Test).



SEC-HPLC

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.



Tris-Bis PAGE

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

Specification

Product Description	Human TNFRSF17 (Q02223, Met1-Ala54) partial recombinant protein with His-Avi tag at C-terminus expressed in HEK293 cells.
Sequence	Met1-Ala54
Host	Human
Theoretical MW (kDa)	29.5
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Quality Control Testing	ELISA and SEC-HPLC ELISA Immobilized Human BCMA Trimer at 0.5 ug/ml (100 ul/Well) on the plate. Dose response curve for Human BAFF, hFc Tag with the EC_{50} of 6.6 ng/ml determined by ELISA (QC Test). SEC-HPLC The purity of Human BCMA Trimer is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human BCMA Trimer on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.
Recommend Usage	Biological Activity ELISA SEC-HPLC Tris-Bis PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from filtered solution in PBS, pH 7.4 (5% trehalose).
Storage Instruction	After reconstitution with deionized water to a final concentration more than 100 ug/ml, store at 4°C for 1 week. For long term storage, store at -80°C for 1 year. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay

  Immobilized Human BCMA Trimer at 0.5 ug/ml (100 ul/Well) on the plate. Dose response curve for Anti-BCMA Antibody, hFc Tag with the EC_{50} of 3.4 ng/ml determined by ELISA.

Gene Info — TNFRSF17

Entrez GeneID	608
Protein Accession#	Q02223
Gene Name	TNFRSF17
Gene Alias	BCM, BCMA, CD269
Gene Description	tumor necrosis factor receptor superfamily, member 17
Omim ID	109545
Gene Ontology	Hyperlink

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development a nd autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation. [provided by RefSeq
Other Designations	B cell maturation antigen|B-cell maturation factor|OTTHUMP00000160261

Pathway

- Cytokine-cytokine receptor interaction

Disease

- Arthritis
- Asthma
- Colitis
- Crohn Disease
- Genetic Predisposition to Disease
- Hematologic Diseases
- Kidney Failure
- Multiple Myeloma
- Occupational Diseases

Copyright © 2023 Abnova Corporation. All Rights Reserved.