

BAFF-R active protein

Recombinant Human BAFF-R protein with C-terminal mouse Fc

CATALOG # AAA47223	HOST HEK293 cells	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

BAFF-R; Recombinant Human BAFF-R protein with C-terminal mouse Fc; Human BAFF-R Protein; mFc Tag; BAFFR;TNFRSF13C;BAFF-R;BROMIX;CD268;CVID4;prolinin; BAFF-R active protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-48% trehalose is added as protectants before lyophilization.
Sequence	BAFF-R(Ser 7-Ala71)+m Fc(Pro99-L ys330)
Applicable Applications for BAFF-R active protein	ELISA, WB (Western Blot)
Source	Human
Biological Activity	EC50=109.8
Conjugation	C-Mouse Fc tag
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing) Shipping: Blue Ice

IMAGES


SDS-PAGE

Figure 1. Human BAFF-R Protein, mFc Tag on SDS-PAGE under reducing condition.

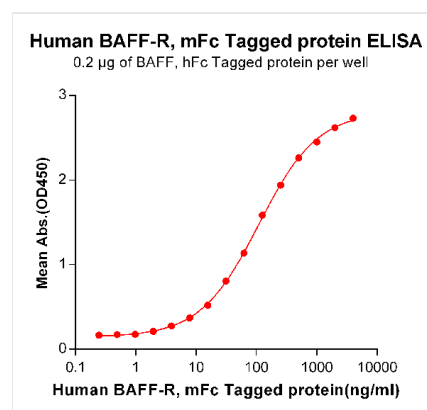

ELISA

Figure 1. Human BAFF-R Protein, mFc Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for BAFF-R active protein	B cell-activating factor (BAFF) enhances B-cell survival in vitro and is a regulator of the peripheral B-cell population. Overexpression of Baff in mice results in mature B-cell hyperplasia and symptoms of systemic lupus erythematosus (SLE). Also, some SLE patients have increased levels of BAFF in serum. Therefore, it has been proposed that abnormally high levels of BAFF may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells. The protein encoded by this gene is a receptor for BAFF and is a type III transmembrane protein containing a single extracellular cysteine-rich domain. It is thought that this receptor is the principal receptor required for BAFF-mediated mature B-cell survival.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	85567349
NCBI GeneID	115650
UniProt Accession #	Q96RJ3
Molecular Weight	18,864 Da
NCBI Official Full Name	BAFF receptor
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 13C
NCBI Official Symbol	TNFRSF13C
NCBI Official Synonym Symbols	BAFFR; CD268; CVID4; BAFF-R; BROMIX; prolixin
NCBI Protein Information	tumor necrosis factor receptor superfamily member 13C; BAFF receptor; BLyS receptor 3; B cell-activating factor receptor; B-cell-activating factor receptor
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 13C
UniProt Gene Name	TNFRSF13C
UniProt Synonym Gene Names	BAFFR; BR3; BAFF-R
UniProt Entry Name	TR13C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.