

BAFF R/TNFRSF13C Active Protein | BAFFR/TNFRSF13C active protein

Recombinant human BAFF R/TNFRSF13C protein

CATALOG # AAA48988	HOST HEK293	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

BAFF R/TNFRSF13C; Recombinant human BAFF R/TNFRSF13C protein; Tumor necrosis factor receptor superfamily member 13C; B-cell-activating factor receptor; BAFF receptor; BAFF-R; BLyS receptor 3; BROMIX; CD268; CVID4; prolixin; TNFRSF13C; Br3; BAFFR/TNFRSF13C active protein

PRODUCT SPECIFICATIONS

Host	HEK293
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid in. Phosphate-Buffered Saline (pH7.4) containing 10% glycerol
Concentration	1mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence Positions	1-78aa
Sequence	Asp MRRGPRSL RGRDAPATP CVPAECFDLL VRHCVACGLL RTPRPKPAGA SSPAPRTALQ PQESVGAGAG EAALPLPGLL
Applicable Applications for BAFFR/TNFRSF13C active protein	Bioactivity, SDS-PAGE
Species	Human
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Tag	hIgG-Tag
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

ADDITIONAL INFORMATION

Related Product Information for BAFFR/TNFRSF13C active protein	BAFFR, also known as TNFRSF13C, is a member of the tumor necrosis factor receptor superfamily. Members of the TNF receptor superfamily (TNFRSF) have crucial roles in both innate and adaptive immunity and in cellular apoptosis process. Whereas TACI and BCMA bind BAFF and another TNF superfamily ligand, APRIL, BAFFR selectively binds BAFF. The BAFFR extracellular domain lacks the CRD (TNF receptor canonical cysteine-rich domain) and contains only a partial CRD with four cysteine residues. It is highly expressed in spleen, lymph node and resting B cells and is thought the principal receptor required for BAFF-mediated mature B-cell survival. It has been proposed that abnormally high levels of BAFFR may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells. Recombinant human BAFFR, fused to hIgG-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Product Categories/Family for BAFFR/TNFRSF13C active protein	Signal Transduction , Growth factors ; Proteins
References	Losi CG, et al. (2005) J Clin Immunol. 25:496-502. Rolink, A.G, et al. (2002) Curr. Opin. Immunol. 14:266-275.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16445027
NCBI GeneID	115650
NCBI Accession #	NP_443177.1
NCBI GenBank Nucleotide #	NM_052945.3
UniProt Accession #	Q96RJ3
Molecular Weight	18,935 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 13C
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; B cell-activating factor receptor; B-cell-activating factor receptor; BAFF receptor; BLyS receptor 3
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.

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Online datasheet: <https://stage.aaabiotech.com/hek293-baffr-tnfrsf13c-active-protein/baff-r-tnfrsf13c/48988>