

BAFF active protein

BAFF Receptor protein

CATALOG # AAA14391	HOST Human
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PRODUCT SYNONYMS

BAFF; BAFF Receptor protein; BAFFR protein; TNFRSF13C protein; BAFF active protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 95% pure
Form/Format	Supplied as a lyophilized powder.
Concentration	50ug, lyophilized (varies by lot)
Sequence	Region of BAFF Receptor protein corresponding to amino acids MRRGPRSL RGRDAPATP CVPAECFDLL VRHCVCAGLL RTPRPKPAGA SSPAPRTALQ PQESVGAGAG EAALPLPG.
Sequence Length	184
Protein Type	Recombinant
Biological Significance	BAFF Receptor (BAFFR), a member of the TNFR superfamily, is highly expressed in spleen, lymph node, and resting B cells and to some extent in activated B cells, resting CD4+ cells and peripheral blood leukocytes. BAFFR is a type III transmembrane protein that binds with high specificity to BAFF (TNFSF13B). BAFFR/BAFF signaling plays a critical role in B cell survival and maturation.
Bioactivity	Determined by its ability to bind degree Ck BAFF induced mouse spleen degree Cyte survival. The expected ED50 for this effect is 2.0-4.0 ug/ml in the presence of 1.0ug/ml of human soluble BAFF.
Endotoxin Levels	Endotoxin level is less than 0.1 ng per ug (1 EU/ug)
Expression System	E Coli
Preparation and Storage	Store at 4 degree C until reconstitution. Following reconstitution aliquot and freeze at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for BAFF active protein	Purified recombinant Human BAFF Receptor protein
Product Categories/Family for BAFF active protein	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	15208475
NCBI GeneID	115650
UniProt Accession #	Q5H8V1 ; Q96RJ3
Molecular Weight	7.7 kDa

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
UniProt Protein Name	BAFF receptor
UniProt Gene Name	TNFRSF13C
UniProt Entry Name	Q5H8V1_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://www.aaabiotech.com/human-active-protein/baff/14391>