

# BAFF-R

Catalog # PVGS1043

## Product Information

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<b>Primary Accession Species</b>	<a href="#">Q96RJ3</a> Human
<b>Sequence</b>	Met1-Gly76
<b>Purity</b>	> 95% as analyzed by SDS-PAGE
<b>Endotoxin Level Biological Activity</b>	Fully biologically active when compared to standard. The ED <sub>50</sub> as determined by its ability to block BAFF induced mouse splenocyte survival is 1.0-5.0 µg/ml in the presence of 1.0 µg/ml of rHuBAFF.
<b>Expression System</b>	E. coli
<b>Theoretical Molecular Weight</b>	7.8 kDa
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in 20 mM PB, pH 8.0, 500 mM NaCl.
<b>Reconstitution</b>	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
<b>Storage &amp; Stability</b>	Upon receiving, this product remains stable for up to 6 months at -70°C or -20°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

## Additional Information

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<b>Gene ID</b>	115650
<b>Other Names</b>	Tumor necrosis factor receptor superfamily member 13C, B-cell-activating factor receptor, BAFF receptor, BAFF-R, BLyS receptor 3, CD268, TNFRSF13C, BAFFR, BR3
<b>Target Background</b>	BAFF Receptor (BAFF-R), 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 <sup>+</sup> cells and peripheral blood leukocytes. BAFF-R is a type III transmembrane protein that binds with high specificity to BAFF (TNFSF13B). BAFF-R/BAFF signaling plays a critical role in B cell survival and maturation.

## Protein Information

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<b>Name</b>	TNFRSF13C
<b>Synonyms</b>	BAFFR, BR3
<b>Function</b>	B-cell receptor specific for TNFSF13B/TALL1/BAFF/BLyS. Promotes the survival of mature B-cells and the B-cell response.
<b>Cellular Location</b>	Membrane; Single-pass type III membrane protein
<b>Tissue Location</b>	Highly expressed in spleen and lymph node, and in resting B-cells. Detected at lower levels in activated B-cells, resting CD4+ T-cells, in thymus and peripheral blood leukocytes

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.