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Recombinant Human soluble BAFF receptor

Description: 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+ 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. Recombinant human BAFF-R is a 76 amino acid polypeptide (7.7 kDa) corresponding to the extracellular portion of the full BAFF-R protein.

Source:	E. coli
Molecular Weight:	7.6 kDa
Purity:	> 95% by SDS-PAGE and HPLC analyses
Endotoxin level:	< 0.1 ng per µg of sBAFF-R
Stabilizer:	none
Formulation:	lyophilized

Biological Activity: Determined by its ability to block BAFF induced mouse splenocyte survival. The expected ED50 for this effect is 2.0-4.0 µg/ml in the presence of 1.0 µg/ml of human soluble BAFF.

Reconstitution: We recommend a quick spin followed by reconstitution in water to a concentration of 0.1-1.0 mg/ml. This solution can be diluted into other aqueous buffers and stored at 4°C for one week or at -20°C for future use.

Stability: The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. **Avoid repeated freeze-thaw cycles.**

Usage: Human sBAFF-R is offered for research use. Not for drug use. Not for human use.

Catalogue number: S01-038

Size: 50 µg

****please note: always centrifuge product before opening vial.****