

Recombinant Human BAFF-R

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|---------------------|--|-------|
| CATALOG #: | 4452-10 | 10 µg |
| | 4452-50 | 50 µg |
| | 4452-1000 | 1 mg |
| LOT #: | _____ | |
| SOURCE: | <i>E.coli</i> | |
| PURITY: | >95% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of BAFF-R. | |
| MOL. WEIGHT: | 7.7 kDa | |
| FORM: | Sterile filtered and lyophilized from a solution (1 mg/ml) containing 20 mM phosphate buffer, pH 8.0, and 500 mM NaCl. | |

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers or stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized BAFF-R is best-stored desiccated below 0°C. Reconstituted human BAFF-R should be stored in working aliquots at -20°C.

DESCRIPTION:

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. Recombinant human BAFFR is a 76 amino acid polypeptide (7.7 kDa) corresponding to the extracellular portion of the full BAFFR protein.

BIOLOGICAL ACTIVITY:

Determined by its ability to block BAFF induced mouse splenocyte survival. The expected ED₅₀ for this effect is typically 1-5 µg/ml in the presence of 1 µg/ml human soluble BAFF.

FOR RESEARCH USE ONLY! Not to be used in human subjects.

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
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- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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