

Human BAFF R Recombinant Protein



RPPB0087

Product Information Protein Information

Product SKU:

RPPB0087

Accession:

Q96RJ3

Host:

Escherichia Coli.

Protein description:

B Lymphocyte Stimulator Receptor Human Recombinant extracellular produced in E.Coli is a single, non-glycosylated polypeptide chain containing 76 amino acids and having a molecular mass of 7.7 kDa. The BAFF-R is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

TNFRSF13C, CD268, BAFF-R, MGC138235, B cell-activating factor receptor.

Formulation:

Lyophilized from a 0.2µm filtered concentrated (1.0mg/ml) solution in 20mM PB, pH 8.0, 500mM NaCl.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized B Lymphocyte Stimulator Receptor Recombinant in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized BAFF-R although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution B Lymphocyte Stimulator Receptor should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MRRGPRSLRGDRDAPAPTPCVPAECFDLLVRHCVACGLLRTPRPKPAGASSPAPRTALQPQESVGAGAGEAALPLPG

Biological Activity:

Determined by its ability to block BAFF induced mouse splenocyte survival. The expected ED₅₀ for this effect is 1.0-5.0 µg/ml in the presence of 1.0µg/ml of human soluble BAFF.