BAFF Receptor Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: BLyS receptor 3, BAFFR, TNFRSF13C

Cat. No.:

RBG10071010	(10 µg)
RBG10071050	(50 µg)
RBG10071100	(100 µg)

Description

BAFF Receptor (BAFFR), a member of the TNFR superfamily, is highly expressed in the spleen, lymph nodes, 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.

Research topic

Others

Amino Acid Sequence

MRRGPRSLRG RDAPAPTPCV PAECFDLLVR HCVACGLLRT PRPKPAGASS PAPRTALQPQ ESVGAGAGEA ALPLPG

Source

E. coli

Purity

95%

Biological Activity

Determined by its ability to block BAFF induced mouse splenocyte survival. The expected ED_{50} for this effect is 2.0-4.0 µg/ml in the presence of 1.0 µg/ml of human soluble BAFF.

Endotoxin

Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

Reconstitution

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C

Storage, Stability/Shelf Life

-20°C

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