

TNFRSF13C

Recombinant Human B-cell Activating Factor Receptor

Catalog No.	CSI11427A CSI11427B CSI11427C	Quantity:	10 µg 50 µg 1.0 mg
Alternate Names:	B cell-activating factor receptor, TNFRSF13C, BAFFR, BCMD, BR3, CD268, LVIS22		
Description:	B Cell Activating Factor 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.		
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.		
Gene ID:	115650		
Source:	<i>E. coli</i>		
Molecular Weight:	Approximately 7.7 kDa, a single non-glycosylated polypeptide chain containing 76 amino acids.		
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 8.0 + 500 mM NaCl.		
Purity:	> 95% as determined by reduced SDS-PAGE analyses		
Endotoxin Level:	Less than 1EU/µg of rHuBAFF-R as determined by LAL method.		
Biological Activity:	Fully biologically active when compared to standard. The ED ₅₀ determined by blocking BAFF induced murine splenocyte survival is less than 5000 ng/ml		
Amino Acid Sequence:	MRRGPRSLRG RDAPAPTPCV PAECFDLLVR HCVACGLLRT PRPKPAGASS PAPRTALQPQ ESGAGAGEA ALPLPG		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions.		
Storage & Stability:	This lyophilized preparation is stable at 2-4°C, but should be kept desiccated at -20°C for long term storage. Upon reconstitution, the preparation is stable for up to one week at 2 -4°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		

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