

Active Recombinant Monkey TNFRSF13C Protein, His-tagged

Cat. No. TNFRSF13C-11016M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Cynomolgus BAFFR, His Tag is expressed from human 293 cells (HEK293). It contains AA Ser 7 - Gly 76. This protein carries a polyhistidine tag at the C-terminus.
Species	Monkey
Source	HEK293
ProteinLength	7-76 aa
Description	BAFF receptor (B-cell activating factor receptor, BAFF-R), also known as tumor necrosis factor receptor superfamily member 13C (TNFRSF13C), is a membrane protein of the TNF receptor superfamily which recognizes BAFF. B-cell activating factor (BAFF) enhances B-cell survival in vitro and is a regulator of the peripheral B-cell population. Overexpression of BAFF in mice results in mature B-cell hyperplasia and symptoms of systemic lupus erythematosus (SLE). Also, some SLE patients have increased levels of BAFF in serum. Therefore, it has been proposed that abnormally high levels of BAFF may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human BAFF, Fc Tag, active trimer at 1 µg/mL (100 µL/well) can bind Cynomolgus BAFFR, His Tag with a linear range of 0.4-3 ng/mL.
Molecular Mass	The protein has a calculated MW of 9.1 kDa. The protein migrates as 14-23 kDa

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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	under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU/μg by the LAL method/rFC method.
Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20 to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TNFRSF13C TNF receptor superfamily member 13C [<i>Macaca mulatta</i> (Rhesus monkey)]
Official Symbol	BAFFR
Synonyms	TNFRSF13C; TNF receptor superfamily member 13C; tumor necrosis factor receptor superfamily member 13C
Gene ID	712577
mRNA Refseq	XM_001101623
Protein Refseq	XP_001101623

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