

Human CellExp™ BAFFR / TNFRSF13C, Fc Tag Human Recombinant

CATALOG NO:	P1170-10	10 µg
	P1170-50	50 µg
ALTERNATE NAMES:	BAFFR, TNFRSF13C, BAFF-R, BROMIX, CD268, CVID4, prolixin	
SOURCE:	HEK 293 cells (Ser 7 - Ala 71)	
PURITY:	> 95% by SDS – PAGE	
MOL. WEIGHT:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 33.2 kDa. The protein migrates as 40-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.	
ENDOTOXIN LEVEL:	< 1.0 EU per 1µg of protein (determined by LAL method)	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally Mannitol or Trehalose is added as a protectant before lyophilization.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 50 µg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% (W/V) HSA or BSA) is recommended for further dilution and long term storage. Do not vortex. This solution can be stored at 2-8°C for up to 1 month.	
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.	
BIOLOGICAL ACTIVITY:	Immobilized Human BAFF, His Tag at 5 µg/mL (100 µL/well) can bind Human BAFFR, Fc Tag with a linear range of 2-31 ng/mL.	

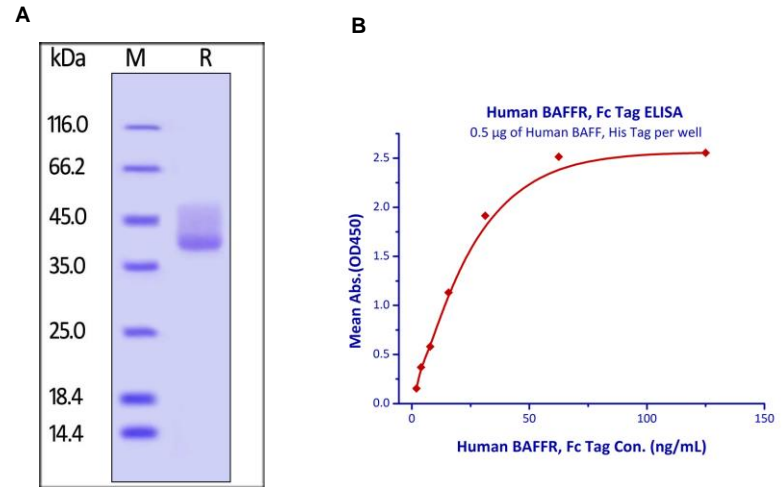


Fig. A. Human BAFFR / TNFRSF13C, Fc Tag on SDS-PAGE under reducing (R) condition

Fig. B. Immobilized Human BAFF, His Tag at 5 µg/mL (100 µL/well) can bind Human BAFFR, Fc Tag with a linear range of 2-31 ng/mL.

RELATED PRODUCT:

- Human CellExp™ TNFRSF10B /TRAILR2, human recombinant (Cat. No. 7448)
- Human CellExp™ TNFRSF4/OX40 /CD134, human recombinant (Cat. No. 7438)
- Human CellExp™ TNFRSF10D / TRAIL R4, Fc Tag, Human recombinant (Cat. No. P1139)
- Human CellExp™ TNFRSF10B /TRAILR2, human recombinant (Cat. No. 7448)
- Human CellExp™ TNFRSF10D / TRAIL R4, human recombinant (Cat. No. P1140)
- Human CellExp™ TNFRSF10A / TRAIL R1, human recombinant (Cat. No. P1141)
- Human CellExp™ OX40 / TNFRSF4 / CD134, Fc Tag, rat recombinant (Cat. No. P1151)
- Human CellExp™ LTBR /TNFRSF3, Human recombinant (Cat. No. P1111)
- Human CellExp™ CD30 /TNFRSF8, human recombinant (Cat. No. 7389)
- Human CellExp™ GITR / TNFRSF18, Rhesus macaque recombinant (Cat. No. P1085)
- Human CellExp™ CD71 / TFRC / TFR, human recombinant (Cat. No. 7279-10, -50)
- Human CellExp™ CD273, human recombinant (Cat. No. 7369-10, -50)
- Human CellExp™ CD36, human recombinant (Cat. No. 7371-10, -50)
- Human CellExp™ CD87, human recombinant (Cat. No. 7372-20, -100)

FOR RESEARCH USE ONLY! Not to be used on humans.