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32-17041: Recombinant Human BAFF-R protein with C-terminal mouse Fc

Alternative Name : BAFFR,TNFRSF13C,BAFF-R,BROMIX,CD268,CVID4,prolixin

Description

Expression Host : HEK293
The protein has a predicted molecular mass of 33.6 kDa after removal of the signal peptide.The apparent molecular mass of BAFF-R-mFc is approximately 35-55 kDa due to glycosylation.
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. The protein encoded by this gene is a receptor for BAFF and is a type III transmembrane protein containing a single extracellular cysteine-rich domain. It is thought that this receptor is the principal receptor required for BAFF-mediated mature B-cell survival.

Product Info

Amount :	50 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

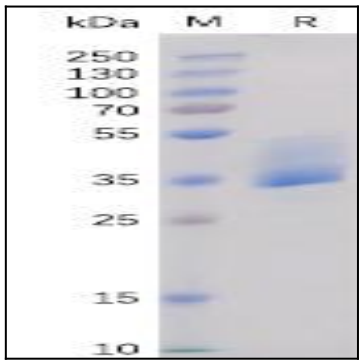

Figure 1. Human BAFF-R Protein, mFc Tag on SDS-PAGE under reducing condition.

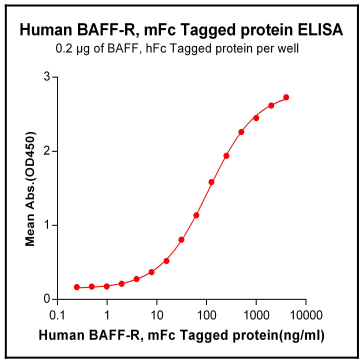

Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human BAFF, hFc tagged protein can bind Human BAFF-R, mFc tagged protein in a linear range of 0.488-250.0 ng/ml.