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Datasheet for ABIN6961114
TNFRSF13C Protein (mFc Tag)

2 Images

Overview

Quantity:	100 µg
Target:	TNFRSF13C
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF13C protein is labelled with mFc Tag.
Application:	ELISA

Product Details

Purpose:	Recombinant Human BAFF-R protein with C-terminal mouse Fc
Specificity:	BAFF-R (Ser7-Ala71) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.
Biological Activity Comment:	EC50=109.8

Target Details

Target:	TNFRSF13C
Alternative Name:	BAFF-R (TNFRSF13C Products)

Target Details

Background:	<p>Synonymes: BAFFR,TNFRSF13C,BAFF-R,BROMIX,CD268,CVID4,prolixin</p> <p>Description: 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.</p>
Molecular Weight:	predicted molecular mass of 33.6 kDa after removal of the signal peptide.The apparent molecular mass of BAFF-R-mFc is 35-55 kDa due to glycosylation.
Gene ID:	115650
UniProt:	Q96RJ3
Pathways:	NF-kappaB Signaling

Application Details

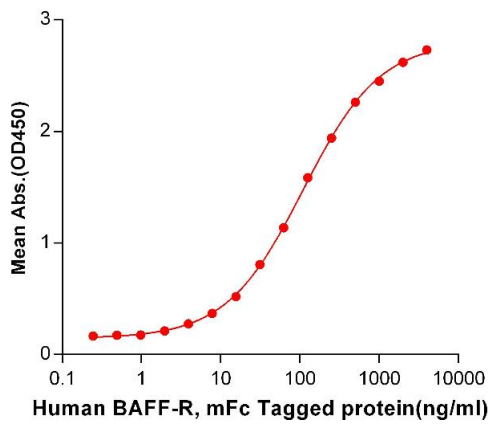
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-20 °C,-80 °C
Expiry Date:	12 months

Human BAFF-R, mFc Tagged protein ELISA

0.2 µg of BAFF, hFc Tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human BAFF, hFc tagged protein (ABIN6961113) can bind Human BAFF-R, mFc tagged protein (ABIN6961114) in a linear range of 0.488-250.0 ng/mL.

SDS-PAGE

Image 2. Human BAFF-R Protein, mFc Tag on SDS-PAGE under reducing condition.