Datasheet for ABIN7321205

TNFRSF13C Protein (Fc Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	TNFRSF13C
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFRSF13C protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Rat BAFFR/TNFRSF13C Protein (Fc Tag)(Active)
Sequence:	Ser10-Ala71
Characteristics:	A DNA sequence encoding the rat TNFRSF13C (XP_576316.2) (Ser10-Ala71) was expressed with the Fc region of human IgG1 at the C-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method
Biological Activity Comment:	Immobilized human BAFF at 10 µg/ml (100 µl/well) can bind rat TNFRSF13C-Fc, The EC50 of rat TNFRSF13C-Fc is 0.02-0.06 µg/ml.

Target Details

Target:	TNFRSF13C

Target Details

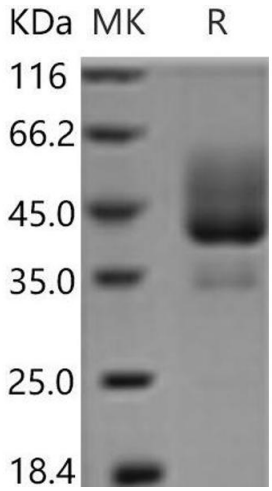
Alternative Name:	BAFFR/TNFRSF13C (TNFRSF13C Products)
Background:	Background: Tumor necrosis factor receptor superfamily, member 13C (TNFRSF13C) also known as B-cell-activating factor receptor (BAFFR) and CD268 antigen, is a member of the tumor necrosis factor receptor superfamily. A tumor necrosis factor receptor (TNFR), or death receptor, is a trimeric cytokine receptor that binds tumor necrosis factors (TNF). The receptor cooperates with an adaptor protein which is important in determining the outcome of the response. Members of the TNF receptor superfamily (TNFRSF) have crucial roles in both innate and adaptive immunity and in cellular apoptosis process. Apoptosis is a cell suicide mechanism that enables metazoans to control cell number in tissues and to eliminate individual cells that threaten the animal's survival. Certain cells have unique sensors, termed death receptors or tumour necrosis factor (TNFR), on their surface. Tumour necrosis factors (TNFR) detect the presence of extracellular death signals and, in response, they rapidly ignite the cell's intrinsic apoptosis machinery. It has been proposed that abnormally high levels of BAFFR/TNFRSF13C (CD268) may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells. Synonym: TNFRSF13C
Molecular Weight:	33.8 kDa
NCBI Accession:	XP_576316
Pathways:	NF-kappaB Signaling

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.