Datasheet for ABIN7319793

CD38 Protein (Biotin,His-Avi Tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	CD38
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD38 protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Recombinant Human ADP-ribosyl Cyclase/cyclic ADP-ribose Hydrolase 1/CD38 (N-6His-Avi) Biotinylated
Sequence:	Val43-Ile300
Characteristics:	Biotinylated Recombinant Human ADP-ribosyl Cyclase/cyclic ADP-ribose Hydrolase 1 is produced by our Mammalian expression system and the target gene encoding Val43-Ile300 is expressed with a 6His, Avi tag at the N-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD38
Abstract:	CD38 Products
Background:	Background: CD38, also known as ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1, is a

Target Details

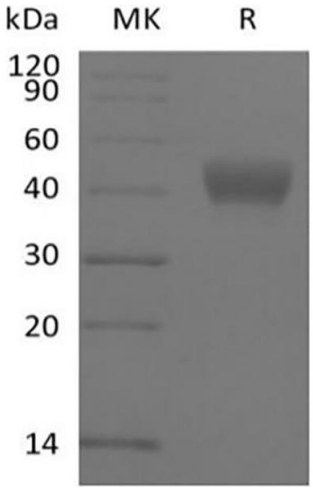
	Signal-anchor for type II membrane protein. CD38 is able to transform NAD+ to ADP-D-ribose and nicotinamide. It also can transform NADP+ to nicotinate-adenine dinucleotide phosphate and nicotinamide. CD38 is expressed at high levels in pancreas, liver, kidney, brain, testis, ovary, placenta, malignant lymphoma and neuroblastoma. Synthesizes the second messagers cyclic ADP-ribose and nicotinate-adenine dinucleotide phosphate, the former a second messenger for glucose-induced insulin secretion. Also has cADPr hydrolase activity. Also moonlights as a receptor in cells of the immune system. Synonym: ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1, 2'-phospho-ADP-ribosyl cyclase, 2'-phospho-cyclic-ADP-ribose transferase, ADP-ribosyl cyclase 1, Cyclic ADP-ribose hydrolase 1, cADPr hydrolase 1
Molecular Weight:	33.3 kDa
UniProt:	P28907

Application Details

Comment:	40-50 kDa
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 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.

 Copyright antibodies-online. All rights reserved.