

Datasheet for ABIN7320857

CD38 Protein (Fc Tag)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CD38
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD38 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse CD38 Protein (Fc Tag)
Sequence:	Leu45-Thr304
Characteristics:	Recombinant Mouse CD38 is produced by our Mammalian expression system and the target gene encoding Leu45-Thr304 is expressed with a Fc tag at the C-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 called ADP-ribosyl cyclase, is a Type II integral membrane protein with 301 amino acids in length that belongs to the ADP-ribosyl cyclase family. It synthesizes the second messengers cyclic ADP-ribose and nicotinate-adenine dinucleotide phosphate, the

Target Details

former a second messenger for glucose-induced insulin secretion. And also moonlights as a receptor in cells of the immune system. CD38 is expressed in B and T lymphocytes, osteoclasts, and in cardiac, pancreatic, liver and kidney cells. Through its production of cyclic ADP-ribose, CD38 modulates calcium-mediated signal transduction in many types of cells, including neutrophils and pancreatic beta cells.

Synonym: cADPr hydrolase 1, CD38 antigen (p45), CD38 antigen, CD38 Molecule, CD38, Cyclic ADP-ribose hydrolase 1, Cyclic ADP-ribose Hydrolase, EC 3.2.2.5, NAD(+) nucleosidase, T10,ADPRC 1-rs1,ADPRC1,Cd38,Cd38-rs1,I-19

Molecular Weight: 56.9 kDa

UniProt: [P56528](#)

Application Details

Restrictions: For Research Use only

Handling

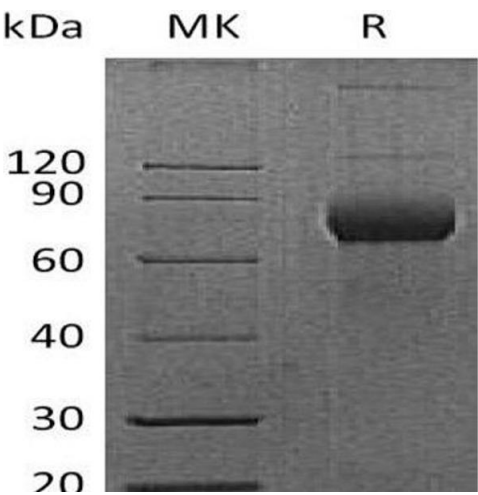
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, PH7.0.

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.