

Datasheet for ABIN5854565
CD38 Protein (AA 43-300) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	CD38
Protein Characteristics:	AA 43-300
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD38 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPEFVPRWR QQWSGPGTTK RFPETVLARC VKYTEIHPER RHVDCQSVWD AFKGAFISKH PCNITEEDYQ PLMKLGTQTV PCNKILLWSR IKDLAQFTQ VQRDMFTLED TLLGYLADDL TWCGEFNTSK INYQSCP DWR KDCSNNPVSV FWKTVSRRFA EAACDVVHVM LNGSRKIFD KNSTFGSVEV HNLQPEKVQT LEAWVIHGGR EDSRDLCQDP TIKELESIIS KRNIQFSCKN IYRPDKFLQC VKNPEDSSCT SEIHSHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	CD38
Abstract:	CD38 Products

Target Details

Background: CD38, also known as ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1, is a surface molecule which has been attributed the function of a signaling channel leading to cellular activation and proliferation, an ectoenzyme with multiple function as well as an inducer of Ca²⁺ mobilization from cytoplasmic stores. It also functions as a plasma membrane signaling receptor in leukocytes. On B cells, It acts as a coreceptor and modulates B cell receptor (BCR) signals. Recombinant human CD38, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 31.2kDa (269aa) 28-40KDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_001766](#)

UniProt: [P28907](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

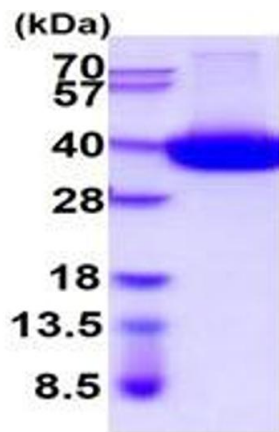
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. In 50 mM MES (pH 5.0) containing 100 mM NaCl, 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.