Datasheet for ABIN1473870

CD56 Protein (AA 20-721) (His tag)

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Overview

Quantity:	1 mg
Target:	CD56 (NCAM1)
Protein Characteristics:	AA 20-721
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD56 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	L QVDIVPSQGE ISVGESKFFL CQVAGDAKDK DISWFSPNGE KLSPNQQRIS VVWNDDDSST LTIYNANIDD AGIYKCVVTA EDGTQSEATV NVKIFQKLMF KNAPTPQEFK EGEDAVIVCD VVSSLPPTII WKHKGRDVIL KKDVRFIVLS NNYLQIRGIK KTDEGTYRCE GRILARGEIN FKDIQVIVNV PPTVQARQSI VNATANLGQS VTLVCDADGF PEPTMSWTKD GEPIENEEED DEKHIFSDDS SELTIRNVDK NDEAEYVCIA ENKAGEQDAS IHLKVFAKPK ITYVENQTAM ELEEQVTLTC EASGDPIPSI TWRTSTRNIS SEEKASWTRP EKQETLDGHM VVRSHARVSS LTLKSIQYTD AGEYICTASN TIGQDSQSMY LEVQYAPKLQ GPVAVYTWEG NQVNITCEVF AYPSATISWF RDGQLLPSSN YSNIKIYNTP SASYLEVTPD SENDFGNYNC TAVNRIGQES LEFILVQADT PSSPSIDRVE PYSSTAQVQF DEPEATGGVP ILKYKAEWKS LGEEAWHSKW YDAKEANMEG IVTIMGLKPE TRYAVRLAAL NGKGLGEISA ATEFKTQPVR EPSAPKLEGQ MGEDGNSIKV NLIKQDDGGS PIRHYLVKYR ALASEWKPEI RLPSGSDHVM LKSLDWNAEY EVYVVAENQQ GKSKAAHFVF RTSAQPTAIP ANGSPTAGLS T

Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	CD56 (NCAM1)
Abstract:	NCAM1 Products
Background:	Recommended name: Neural cell adhesion molecule 1. Short name= N-CAM-1. Short name= NCAM-1. Alternative name(s): CD_antigen= CD56
UniProt:	P13596

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.