

Datasheet for ABIN7596335

## C-Type Lectin Domain Family 4, Member M (CLEC4M) (AA 72-399) protein (hlgG-His-tag)



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### Overview

Quantity:	500 µg
Target:	C-Type Lectin Domain Family 4, Member M (CLEC4M)
Protein Characteristics:	AA 72-399
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	hlgG-His-tag
Application:	SDS-PAGE (SDS)

### Product Details

Sequence:	VSKVPSS LSQEQSEQDA IYQNLTLKA AVGELSEKSK LQEIQELTQ LKAAVGELPE KSKLQEIQE LTRLKAAVGE LPEKSKLQEI YQELTRLKAA VGELPEKSKL QEIQELTRL KAAVGELPEK SKLQEIQEL TELKAAVGEL PEKSKLQEIQ QELTQLKAAV GELPDQSKQQ QIQELTDLK TAFERLCRHC PKDWTFFQGN CYFMSNSQRN WHDSVTACQE VRAQLVVIKT AEEQNFLQLQ TSRSNRFSWM GLSDLNQEGT WQWVDGSPLS PSFQRYWNSG EPNNSGNEDC AEFSGSGWND NRCDVDNYWI CKKPAACFRD E
Purity:	> 95% by SDS - PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

### Target Details

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## Target Details

Alternative Name:	CD299/CLEC4M ( <a href="#">CLEC4M Products</a> )
Background:	<p>CD299, as known as DC-SIGNR and CLEC4M, is a type II integral membrane protein that is 77 % amino acid identical to CD209/DC-SIGN, an HIV gp120-binding protein. This protein is probable pathogen-recognition receptor involved in peripheral immune surveillance in liver. It may mediate the endocytosis of pathogens which are subsequently degraded in lysosomal compartments. CD299 is a receptor for ICAM3, binding to mannose-like carbohydrates. It also recognizes a wide range of evolutionarily divergent pathogens with a large impact on public health, including tuberculosis mycobacteria, and viruses including Ebola, hepatitis C, HIV-1, influenza A, West Nile virus and the SARS-CoV acute respiratory syndrome coronavirus.</p> <p>Recombinant human CD299, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.</p>
Molecular Weight:	64.8kDa (570aa)
NCBI Accession:	<a href="#">NP_055072</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.