9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CLEC4M Human

C-type Lectin Domain Family 4, Member M Human Recombinant
RCP0453

Product Overview

Name	CLEC4M Human
Description	
C-type Lectin Domain Family 4, Member M Human Recombinant	
Accession (Primary)	Q9H2X3
Synonyms	
CD209 antigen-like protein 1, DC-SIGN-related protein, Dendritic cell-specific ICAM-3-grabbing non-integrin 2, Liver/lymph node-specific ICAM-3-grabbing non-integrin, DC-SIGNR, DC-SIGN2, L-SIGN, CD299, CLEC4M, CD209L, CD209L1, CD299, HP10347	
Introduction	
C-type Lectin Domain Family 4, Member M (CLEC4M) is a type II integral membrane proteinand A pathogen-recognition receptor which takes part in peripheral immune surveillance in liver. CLEC4M mediates the endocytosis of pathogens which than degraded in lysosomal compartments. CLEC4M is a receptor for ICAM3, binding to mannose-like carbohydrates and also recognizes various evolutionarily divergent pathogens with a large impact on public health, including tuberculosis mycobacteria, and viruses which among them are Ebola, hepatitis C,influenza A, HIV-1, West Nile virus and the SARS-CoV acute respiratory syndrome coronavirus.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The CLEC4M solution (0.5mg/ml) contains Phosphate-Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADPVSKVPSS LSQEQSEQDA IYQNLTQLKA AVGELSEKSK LQEIYQELTQ LKAAVGELPE KSKLQEIYQE	

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LTRLKAAVGE LPEKSKLQEI YQELTRLKAA VGELPEKSKL QEIYQELTRL KAAVGELPEK SKLQEIYQEL TELKAAVGEL PEKSKLQEIY QELTQLKAAV GELPDQSKQQ QIYQELTDLK TAFERLCRHC PKDWTFFQGN CYFMSNSQRN WHDSVTACQE VRAQLVVIKT AEEQNFLQLQ TSRSNRFSWM GLSDLNQEGT WQWVDGSPLS PSFQRYWNSG EPNNSGNEDC AEFSGSGWND NRCDVDNYWI CKKPAACFRD E LEPKSCDKT HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SRDELTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSDGS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKSLSL SPGKHHHHHH

Precautions

CLEC4M Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9H2X3)