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32-13746: CD209 Human

Format :	The CD209 solution (0.25mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).
Alternative Name :	CD209 antigen, CD209 antigen isoform 1, C-type lectin domain family 4 member L, Dendritic cell-specific ICAM-3-grabbing non-integrin 1, DC-SIGN, DC-SIGN1, CD209, CLEC4L, CDSIGN

Description

Source:Sf9, Baculovirus cells.
Physical Appearance:Sterile filtered colorless solution.
Biological Activitynull
CD209 (a member of the C-typelectin family) is Pathogen-recognition receptor expressed on the surface of immature dendritic cells (DCs) andtakes part in initiation of primary immune response.CD209has a high affinity for theICAM3 molecule and binds various microorganisms by recognizing high-mannose-containing glycoproteins ontheir envelopes and especially functions as receptor for several viruses such as HIV and Hepatitis C. Along with other C-typelectins, CD209is involved in recognition of tumors by dendritic cells.CD209also initiatesnatural immunity bymodulating toll-like receptors.
CD209 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 587 amino acids (60-404 a.a) and having a molecular mass of 66.5kDa.CD209 is fused to a 239 amino acid hIgG-His-Tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	10 µg / 2 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Storage condition :	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.
Amino Acid :	ADPVSKVPSS ISQEQSRQDA IYQNLTQLKA AVGELSEKSK LQEIYQELTQ LKAAVGELPE KSKLQEIYQE LTRLKAAVGE LPEKSKLQEI YQELTWLKAA VGELPEKSKM QEIYQELTRL KAAVGELPEK SKQQEIYQEL TRLKAAVGEL PEKSKQQEIY QELTRLKAAV GELPEKSKQQ EIYQELTQLK AAVERLCHPC PWEWTFFQGN CYFMSNSQRN WHDSITACKE VGAQLVVIKS AEEQNFLQLQ SSRSNRFTWM GLSDLNQEGT WQWVDGSPLL PSFKQYWNRG EPNNVGEEDC AEFSGNGWND DKCNLAKFWI CKKSAASCSR DEEQFLSPAP ATPNPPPAVE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTTPP VLDSDGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG KHHHHHH

For Research Use Only. Not for use in diagnostic/therapeutics procedures.