

32-7624: Recombinant Human CD209 Antigen/CD209 (N-Fc)(Discontinued)

Gene : CD209
Gene ID : 30835
Uniprot ID : Q9NNX6

Description

Source: Human Cells.
MW :64.7kD.

Recombinant Human DC-SIGN is produced by our Mammalian expression system and the target gene encoding Lys62-Ala404 is expressed with a Fc tag at the N-terminus. CD209 antigen(CD209)contains 1 C-type lectin domain. Pathogen-recognition receptor expressed on the surface of immature dendritic cells (DCs) and involved in initiation of primary immune response. On DCs it is a high affinity receptor for ICAM2 and ICAM3 by binding to mannose-like carbohydrates. CD209 may act as a DC rolling receptor that mediates transendothelial migration of DC presursors from blood to tissues by binding endothelial ICAM2. It seems to regulate DC-induced T-cell proliferation by binding to ICAM3 on T-cells in the immunological synapse formed between DC and T-cells.

Product Info

Amount : Fc) / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVH
NAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTL
PPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSR
WQQGNVFSCSVMHEALHNHYTQKSLSLSPGKKVPSSISQEQRQDAIYQNLTQLKAAVGELSEKS
KLQEIQELTQLKAAVGELPEKSKLQEIQELTRLKAAVGELPEKSKLQEIQELTWLKAVERLCHP
CPWEWTFQGNCFMSNSQRNWHDSITACEKVGAGLVVKSAAEQNFLQLQSSRSNRFTWMGLS
DLNQEGTWQWVDGSPLLPSFKQYWNRGEPNNVGEEDCAEFSGNGWNDDKCNLAKFWICKKSA
ASCSRDEEQFLSPAPATPNPPPA

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Åµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.