

## 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.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** 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 :** DKTHTCPPCAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREE QYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCL VKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQGNVVFSCVMHEALHNHYTQKS LSLSPGKKVPSSISQEQRQDAIYQNLTLKAAVGESEKSKLQEIYQELTQLKAAVGELEPEKSKLQEIYQELTRL KAAVGELEPEKSKLQEIYQELTWLKAVERLCHPCPWEWTFQGNCFMSNSQRNWHDSITACKEVGAQLVVIK SAEEQNFLQLQSSRSNRFTWMGLSDLNQEGTWQWVDGSPLLPSFKQYWNRGEPNNVGEEDCAEFSGNGW NDDKCNLAKFWICKKSAASCSRDEEQFLSPAPATPNPPA

### 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 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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