

Active Recombinant Human CD209 protein, His-tagged, Low Endotoxin

Cat. No. CD209-643H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD209 protein(Q9NNX6-1)(Gln59-Ala404), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	59-404 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Human BTN2A1, His Tag immobilized on CM5 Chip can bind Human CD209, His Tag with an affinity constant of 0.12 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 40.5 kDa. Due to glycosylation, the protein migrates to 52-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [CD209](#) [CD209 molecule \[Homo sapiens \]](#)

Official Symbol [CD209](#)

Synonyms CD209; CD209 molecule; CD209 antigen; CDSIGN; CLEC4L; DC SIGN; DC SIGN1; HIV gpl20-binding protein; C-type lectin domain family 4 member L; C-type lectin domain family 4, member L; dendritic cell-specific ICAM-3-grabbing non-integrin 1; dendritic cell-specific intracellular adhesion molecules (ICAM)-3 grabbing non-integrin; DC-SIGN; DC-SIGN1; MGC129965;

Gene ID [30835](#)

mRNA Refseq [NM_001144893](#)

Protein Refseq [NP_001138365](#)

MIM [604672](#)

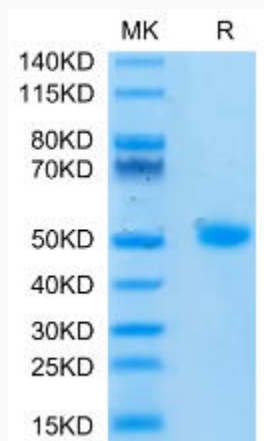
UniProt ID [Q9NNX6](#)

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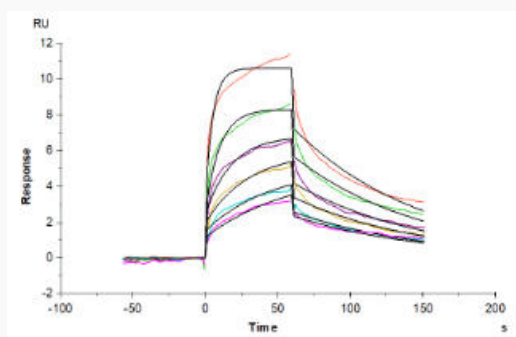
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Bis-Tris PAGE



SPR Data



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