

Active Recombinant Human CD209 protein, His-tagged

Cat. No. CD209-14H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD209 protein(Gln59-Ala404), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	59-404 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of ICAM-3 expressing CHO Chinese hamster ovary cells. When 5 x 10 ⁴ cells/well are added to Recombinant Human CD209 Protein coated plates (5 µg/mL with 100 µL/well), approximately 10-20% of added cells will adhere after 1 hour at 37°C.
Molecular Mass	40.28 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

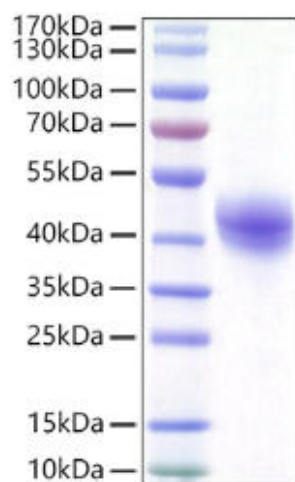
UniProt ID [Q9NNX6](#)

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SDS-PAGE



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