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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD209 (Human) Recombinant Protein

Catalog Number: P9353

Regulation Status: For research use only (RUO)

Product Description: Human CD209 partial recombinant protein with hlgG-His tag in C-terminus expressed in Baculovirus cells.

Sequence:

ADPVSKVPSSISQEQSRQDAIQNLTQLKAAVGELSEK
SKLQEIYQELTQLKAAVGELPEKSKLQEIYQELTRLKAA
VGELPEKSKLQEIYQELTWLKAAVGELPEKSKMQEIYQ
ELTRLKAAVGELPEKSKQEIYQELTRLKAAVGELPEK
SKQEIYQELTRLKAAVGELPEKSKQEIYQELTQLKA
AVERLCHPCPWEWTFQGNCFMSNSQRNWHDSITA
CKEVGAQLVVIKSAEEQNFLQLQSSRSNRFTWMGLSD
LNQEGTWQWVDGSPLLPSFKQYWNRGEPNNVGEED
CAEFSNGWNNDDKCNLAKFWICKKSAASCSRDEEQF
LSPAPATPNPPPAVEPKSCDKTHTCPPCPAPPELLGGP
SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFN
WYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQD
WLNQKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYV
LPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQP
ENNYKTTTPVLDSGSSFLYSLKLTVDKSRWQQGNVFS
CSVMHEALHNHYTQKSLSLSPGKHHHHHH

Host: Viruses

Theoretical MW (kDa): 66.5

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Liquid

Preparation Method: Baculovirus expression system

Purification: chromatographic

Purity: > 90% as determined by SDS-PAGE.

Storage Buffer: Solution (0.25 mg/mL) containing 1X
PBS, pH 7.4, 10% glycerol.

Storage Instruction: Store at 4°C for one weeks and

should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid repeated freeze/thaw cycles.

Entrez GeneID: 30835

Gene Symbol: CD209

Gene Alias: CDSIGN, CLEC4L, DC-SIGN, DC-SIGN1, MGC129965

Gene Summary: This gene encodes a transmembrane receptor and is often referred to as DC-SIGN because of its expression on the surface of dendritic cells and macrophages. The encoded protein is involved in the innate immune system and recognizes numerous evolutionarily divergent pathogens ranging from parasites to viruses with a large impact on public health. The protein is organized into three distinct domains: an N-terminal transmembrane domain, a tandem-repeat neck domain and C-type lectin carbohydrate recognition domain. The extracellular region consisting of the C-type lectin and neck domains has a dual function as a pathogen recognition receptor and a cell adhesion receptor by binding carbohydrate ligands on the surface of microbes and endogenous cells. The neck region is important for homo-oligomerization which allows the receptor to bind multivalent ligands with high avidity. Variations in the number of 23 amino acid repeats in the neck domain of this protein are rare but have a significant impact on ligand binding ability. This gene is closely related in terms of both sequence and function to a neighboring gene (GeneID 10332; often referred to as L-SIGN). DC-SIGN and L-SIGN differ in their ligand-binding properties and distribution. Alternative splicing results in multiple variants]