

DC-SIGN/CD209 Protein, Mouse (HEK293, His)

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| Cat. No.: | HY-P76643 |
| Synonyms: | CD209 antigen; DC-SIGN1; CD209 |
| Species: | Mouse |
| Source: | HEK293 |
| Accession: | Q8CJ91 (Q74-G325) |
| Gene ID: | 69165 |
| Molecular Weight: | Approximately 40 kDa |

PROPERTIES

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| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. |
| Endotoxin Level | <1 EU/ μ g, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O. |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

DESCRIPTION

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| Background | DC-SIGN/CD209 Protein is a probable pathogen-recognition receptor that functions in the endocytosis of pathogens, leading to their degradation in lysosomal compartments. It is capable of recognizing high mannose N-linked oligosaccharides in various pathogen antigens in a calcium-dependent manner. Additionally, it acts as a receptor for ICAM3, likely through its binding to mannose-like carbohydrates. |
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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA