

Recombinant Human CLEC4M protein, Fc-tagged

Cat. No. CLEC4M-3132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLEC4M protein(Ser 78-Glu 399)(NP_055072.3) was expressed in HEK293, fused with the Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	78-399 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human DC-SIGNR/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 580 amino acids and has a predicted molecular mass of 65 kDa. As a result of glycosylation, the apparent molecular mass of rhDC-SIGNR/Fc is approximately 110-140 kDa & 65-70 kDa corresponding to the homodimer and monomer respectively in SDS-PAGE under non-reduced conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CLEC4M C-type lectin domain family 4, member M [Homo sapiens]

Official Symbol CLEC4M

Synonyms CLEC4M; C-type lectin domain family 4, member M; CD209L, CD299, CD299 antigen; C-type lectin domain family 4 member M; DC SIGN2; DC SIGNR; DCSIGNR; HP10347; LSIGN; CD299 antigen; DC-SIGN-related protein; CD209 antigen-like protein 1; mannose binding C-type lectin DC-SIGNR; dendritic cell-specific ICAM-3-grabbing non-integrin 2; liver/lymph node-specific ICAM-3 grabbing non-integrin; liver/lymph node-specific ICAM-3-grabbing non-integrin; CD299; CD209L; L-SIGN; DC-SIGN2; DC-SIGNR; MGC47866; MGC129964;

Gene ID 10332

mRNA Refseq NM_001144904

Protein Refseq NP_001138376

MIM 605872

UniProt ID Q9H2X3

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