

Active Recombinant Human CLEC4M, Fc Chimera

Cat. No. CLEC4M-689H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLEC4M (Accession # NP_001138382) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µ filtered solution in Tris-Citrate.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of ICAM-3 expressing CHO Chinese hamster ovary cells. When 5×10^4 cells/well are added to rhDC-SIGNR/Fc coated plates (5 µg/mL with 100 µL/well), approximately 40% - 70% of added cells will adhere after 1 hour at room temperature. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human CLEC4M, Fc Chimera has a calculated MW of 61.4 kDa (monomer). In SDS-PAGE migrates as 61-66 kDa, reducing conditions.
Purity	>80%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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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
Chromosome Location	19p13

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