

Recombinant Human CLEC18A Protein, His tagged

Cat. No. CLEC18A-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLEC18A Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	27-446 aa
Description	This is one of three closely related paralogous genes on chromosome 16 encoding secreted proteins containing C-type lectin domains. These domains bind to carbohydrates in the presence of calcium, and may be involved in cell adhesion, immune response and apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	Sterile PBS, pH7.4, 0.1% SKL
Molecular Mass	48 kDa
AASequence	MHHHHHHHHHEVWPPQLQEAPMAGALNRKESFLLLSLHNRLRSWVQPPAADM RRLDWSDSLAQLAQARAALCGTPTPSLASGLWRTLQVGWNMQLLPAGLVSFVEVV SLWFAEGQRYSHAAGECARNATCTHYTQLVWATSSQLGCGRHLCSAGQAAIEAFV CAYSPRGNWEVNGKTIVPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNPCR MSCQNHGRLNISTCHCHCPPGYTGRYCQVRCSLQCVHGRFREEECSCVCDIGYGG AQCATKVHFPFHTCDLRIDGDCFMVSSEADTYRARMKCQRKGGVLAQIKSQKVQ DILAFYLGRLTNEVIDSDFETRNFWIGLTYKTAKDSFRWATGEHQAFTSFAFGQP

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DNHGFNCVELQASAAFNWWDQRCKTRNRYICQFAQEHISRWGPGS

Endotoxin < 1 EU/μg by LAL

Purity > 90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 1 mg/mL by BCA

GENE INFORMATION

Gene Name CLEC18A C-type lectin domain family 18, member A [Homo sapiens (human)]

Official Symbol CLEC18A

Synonyms C-type lectin domain family 18 member A; CL18A_HUMAN; CLEC18A; FLJ77955; Mannose receptor-like protein 2; MGC164804; Mrcl; MRCL1; MRLP2

Gene ID 348174

mRNA Refseq NM_182619

Protein Refseq NP_872425

MIM 616571

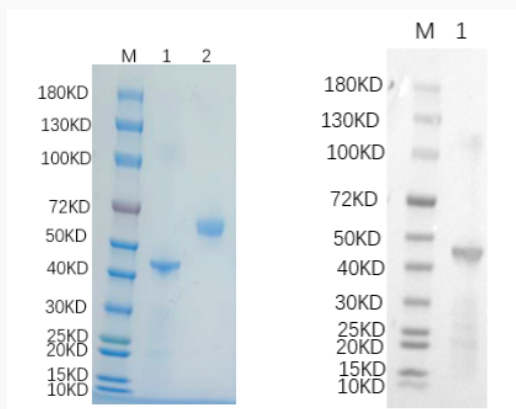
UniProt ID A5D8T8

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SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified CLEC18A. 1. CLEC18A: 1 ug 2. BSA: 1 ug

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