

Active Recombinant Human CLEC12A protein, hFc-tagged, Low Endotoxin

Cat. No. CLEC12A-213H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLEC12A protein(Q5QGZ9-2)(His65-Ala265), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	65-265 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CLEC12A, hFc Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-CLEC12A Antibody, hFc Tag with the EC50 of 31.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 50.9 kDa. Due to glycosylation, the protein migrates to 68-73 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name CLEC12A C-type lectin domain family 12, member A [Homo sapiens]

Official Symbol CLEC12A

Synonyms CLEC12A; C-type lectin domain family 12, member A; C-type lectin domain family 12 member A; CLL 1; MICL; C-type lectin superfamily; C-type lectin protein CLL-1; C-type lectin-like molecule-1; dendritic cell-associated lectin 2; myeloid inhibitory C-type lectin-like receptor; CLL1; CLL-1; DCAL-2; MGC70602;

Gene ID 160364

mRNA Refseq NM_001207010

Protein Refseq NP_001193939

MIM 612088

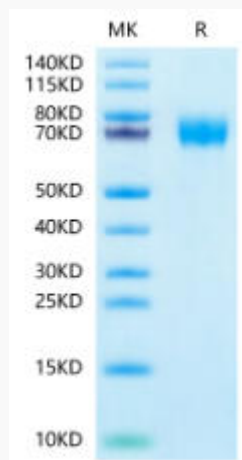
UniProt ID Q5QGZ9

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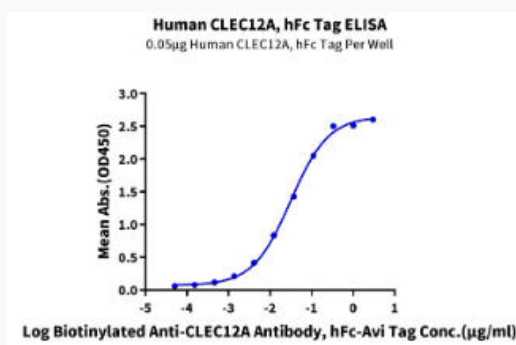
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Bis-Tris PAGE



ELISA Data



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