

Active Recombinant Human CLEC7A protein, Fc-tagged

Cat. No. CLEC7A-261H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CLEC7A protein(Q9BXN2-2)(Thr66-Met201) is expressed from HEK293 with hFc (IgG1) tag at the N-Terminus.
Species	Human
Source	HEK293
ProteinLength	66-201 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human CLEC7A, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-CLEC7A Antibody, hFc Avi Tag with the EC50 of 5.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 41.79 kDa. Due to glycosylation, the protein migrates to 45-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [CLEC7A C-type lectin domain family 7, member A \[Homo sapiens \]](#)

Official Symbol [CLEC7A](#)

Synonyms CLEC7A; C-type lectin domain family 7, member A; C type (calcium dependent, carbohydrate recognition domain) lectin, superfamily member 12 , CLECSF12; C-type lectin domain family 7 member A; dectin 1; hDectin 1; dectin-1; beta-glucan receptor; lectin-like receptor 1; DC-associated C-type lectin 1; C-type lectin superfamily member 12; dendritic cell-associated C-type lectin 1; dendritic cell-associated C-type lectin-1; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 12; BGR; CANDF4; DECTIN1; CLECSF12;

Gene ID [64581](#)

mRNA Refseq [NM_022570](#)

Protein Refseq [NP_072092](#)

MIM [606264](#)

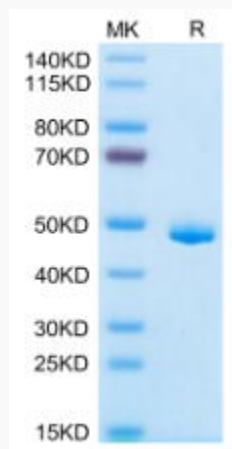
UniProt ID [Q9BXN2](#)

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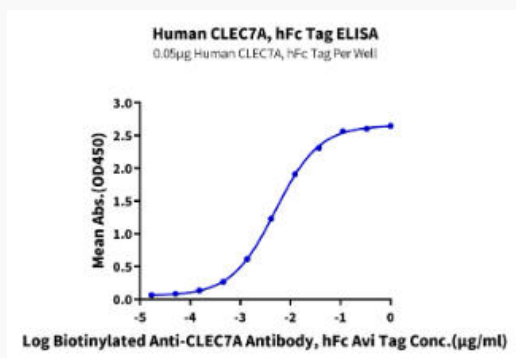
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Bis-Tris PAGE



ELISA Data



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