

Active Recombinant Human CD22 protein, His-tagged, Low Endotoxin

Cat. No. CD22-3946H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD22 protein(P20273-1)(Asp20-Arg687), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-687 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 Siglec-2, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-Siglec-2 Antibody, hFc Tag with the EC50 of 6.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 76.2 kDa. Due to glycosylation, the protein migrates to 100-120 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; > 90% 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 [CD22 CD22 molecule \[Homo sapiens \]](#)

Official Symbol [CD22](#)

Synonyms CD22; CD22 molecule; CD22 antigen; B-cell receptor CD22; sialic acid binding Ig like lectin 2; SIGLEC 2; SIGLEC2; BL-CAM; T-cell surface antigen Leu-14; B-lymphocyte cell adhesion molecule; sialic acid binding Ig-like lectin 2; sialic acid-binding Ig-like lectin 2; SIGLEC-2; FLJ22814; MGC130020;

Gene ID [933](#)

mRNA Refseq [NM_001185099](#)

Protein Refseq [NP_001172028](#)

MIM [107266](#)

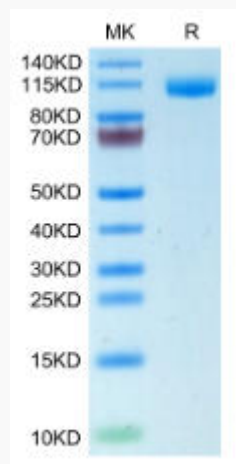
UniProt ID [P20273](#)

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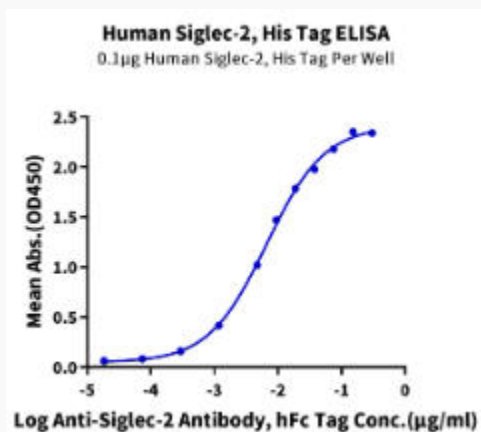
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Bis-Tris PAGE



ELISA Data



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