

Active Recombinant Human CD55 protein, His-tagged, Low Endotoxin

Cat. No. CD55-2223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD55 protein(P08174-1)(Asp35-Ser353), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	35-353 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 CD55, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-CD55 Antibody, hFc Tag with the EC50 of 7.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 35.8 kDa. Due to glycosylation, the protein migrates to 70-75 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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 CD55 CD55 molecule, decay accelerating factor for complement (Cromer blood group) [Homo sapiens]

Official Symbol CD55

Synonyms CD55; CD55 molecule, decay accelerating factor for complement (Cromer blood group); DAF, decay accelerating factor for complement (CD55, Cromer blood group system); complement decay-accelerating factor; CR; CROM; TC; CD55 antigen; DAF;

Gene ID 1604

mRNA Refseq NM_000574

Protein Refseq NP_000565

MIM 125240

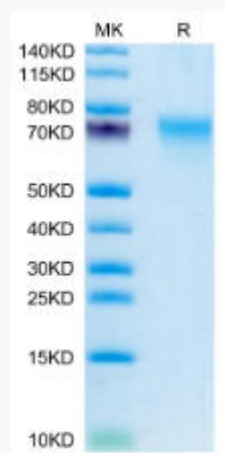
UniProt ID P08174

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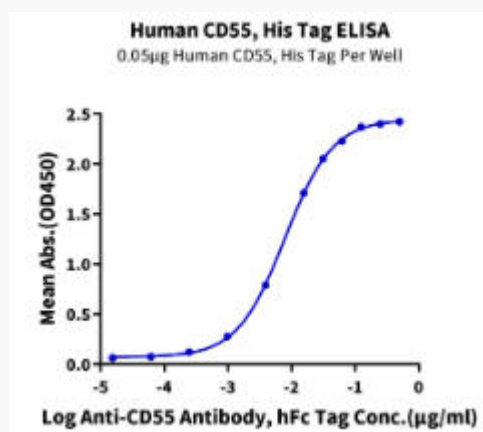
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Bis-Tris PAGE



ELISA Data



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