

Active Recombinant Human CD24 protein, mFc-tagged, Low Endotoxin

Cat. No. CD24-3061H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD24 protein(P25063-1)(Ser27-Gly59), fused with C-terminal mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-59 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 CD24, mFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-CD24 Antibody, hFc Tag with the EC50 of 54.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 29.5 kDa. Due to glycosylation, the protein migrates to 48-60 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 CD24 CD24 molecule [Homo sapiens]

Official Symbol CD24

Synonyms CD24; CD24 molecule; CD24 antigen (small cell lung carcinoma cluster 4 antigen); signal transducer CD24; CD24A; FLJ22950; FLJ43543; MGC75043;

Gene ID 100133941

mRNA Refseq NM_013230

Protein Refseq NP_037362

MIM 600074

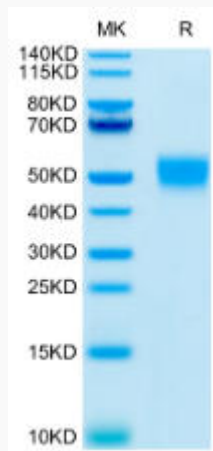
UniProt ID P25063

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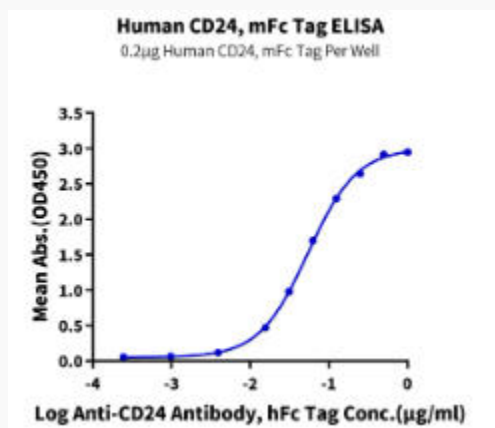
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Bis-Tris PAGE



ELISA Data



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