

Recombinant Human CD5 protein, hFc-Avi-tagged, Biotinylated

Cat. No. CD5-052H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CD5 protein(P06127)(Arg25-Asn371), fused with C-terminal hFc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Arg25-Asn371
Tag	C-hFc-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Anti-CD5 Antibody, hFc Tag at 1ug/ml (100ul/well) on the plate. Dose response curve for Biotinylated Human CD5, hFc Tag with the EC50 of 12.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 67.1 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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

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

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

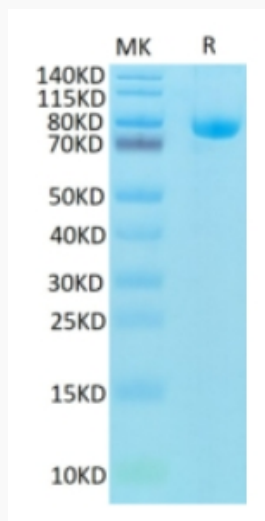
Gene Name	CD5 CD5 molecule [Homo sapiens]
Official Symbol	CD5
Synonyms	CD5; CD5 molecule; CD5 antigen (p56 62) , LEU1; T-cell surface glycoprotein CD5; T1; CD5 antigen (p56-62); lymphocyte antigen T1/Leu-1; LEU1;
Gene ID	921
mRNA Refseq	NM_014207
Protein Refseq	NP_055022
MIM	153340
UniProt ID	P06127

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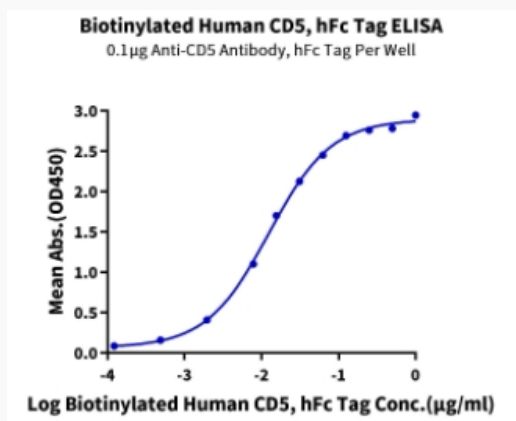
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Tris-Bis PAGE



ELISA Data



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