

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

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

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human CD5 protein(P06127)(Arg25-Asn371), fused with C-terminal hFc and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Arg25-Asn371
<b>Tag</b>	C-hFc-Avi
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

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<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
<b>Storage</b>	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.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

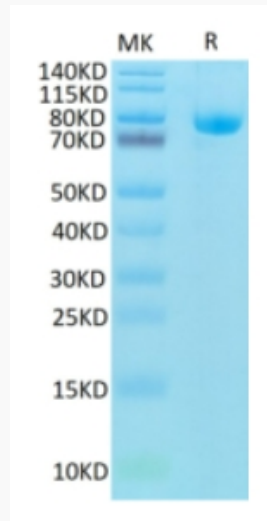
<b>Gene Name</b>	CD5 CD5 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD5
<b>Synonyms</b>	CD5; CD5 molecule; CD5 antigen (p56 62) , LEU1; T-cell surface glycoprotein CD5; T1; CD5 antigen (p56-62); lymphocyte antigen T1/Leu-1; LEU1;
<b>Gene ID</b>	921
<b>mRNA Refseq</b>	NM_014207
<b>Protein Refseq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

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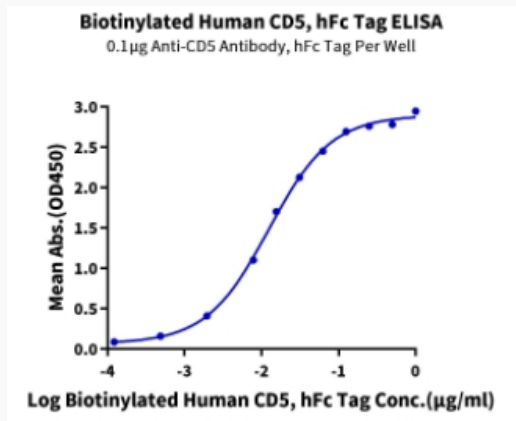
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**Tris-Bis PAGE**



**ELISA Data**



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