

## Recombinant Human CD5 protein, His& Avi-tagged, Biotinylated

Cat. No. CD5-103H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human CD5 protein(NP_055022.2) (Met1-Pro372) was expressed in HEK293, fused with a c-terminal polyhistidine tagged AVI tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Pro372
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human CD5 consists of 374 amino acids and predicts a molecular mass of 41.9 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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<b>Conjugation</b>	Biotin
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## GENE INFORMATION

<b>Gene Name</b>	CD5 CD5 molecule [ Homo sapiens ]
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<b>Official Symbol</b>	CD5
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<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;
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<b>Gene ID</b>	921
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<b>mRNA Refseq</b>	NM_014207
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<b>Protein Refseq</b>	NP_055022
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<b>MIM</b>	153340
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<b>UniProt ID</b>	P06127
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