

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro372
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CD5 consists of 374 amino acids and predicts a molecular mass of 41.9 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	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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Reconstitution	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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Conjugation	Biotin
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GENE INFORMATION

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