

Active Recombinant Human CD5 protein, His-tagged

Cat. No. CD5-687H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD5 protein(P06127)(Arg25-Asn371) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	25-371 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human CD5, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CD5 Antibody, hFc Tag with the EC50 of 4.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 39.63 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 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 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution	Dissolve the lyophilized protein in distilled water.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_055022.2
Unit ID	P06127
Unit ID-Weblink	http://www.uniprot.org/uniprot/P06127

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

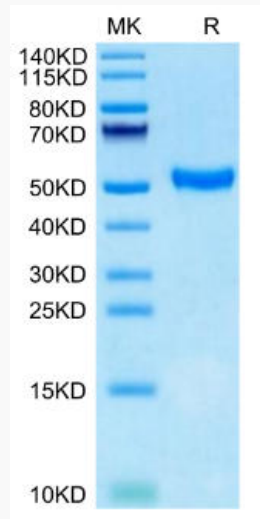
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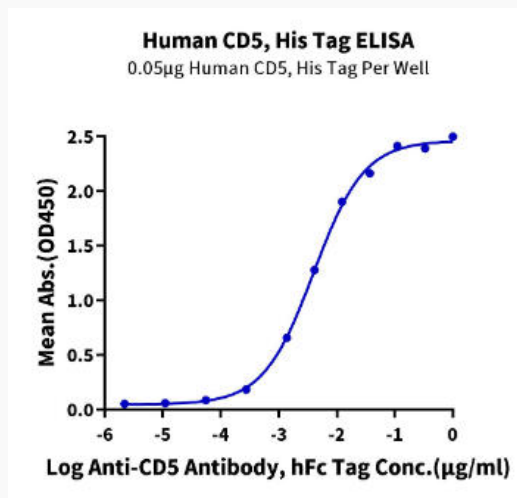
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Bis-Tris PAGE



ELISA Data



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