

Active Recombinant Human LCAT protein, His-tagged

Cat. No. LCAT-526H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LCAT protein(NP_000220.1) (Phe25-Glu440) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	25-440 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Immobilized Human LCAT, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-LCAT Antibody, hFc Tag with the EC50 of 9.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 48.2 kDa. Due to glycosylation, the protein migrates to 65-70 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
Storage	-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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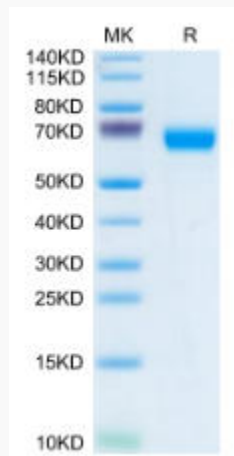
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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	LCAT lecithin-cholesterol acyltransferase [Homo sapiens]
Official Symbol	LCAT
Synonyms	LCAT; lecithin-cholesterol acyltransferase; phosphatidylcholine-sterol acyltransferase; phospholipid-cholesterol acyltransferase;
Gene ID	3931
mRNA Refseq	NM_000229
Protein Refseq	NP_000220
MIM	606967
UniProt ID	P04180

Bis-Tris PAGE

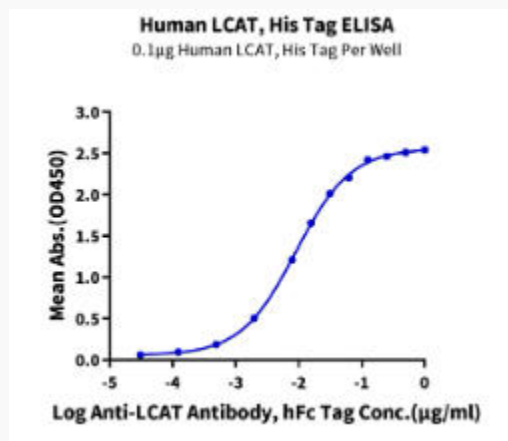


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ELISA Data



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