

Product datasheet for AR50723PU-N

LCAT (25-440, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

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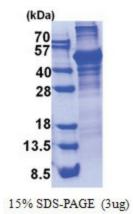
Product Type:	Recombinant Proteins
Description:	LCAT (25-440, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMFWLLN VLFPPHTTPK AELSNHTRPV ILVPGCLGNQ LEAKLDKPDV VNWMCYRKTE DFFTIWLDLN MFLPLGVDCW IDNTRVVYNR SSGLVSNAPG VQIRVPGFGK TYSVEYLDSS KLAGYLHTLV QNLVNNGYVR DETVRAAPYD WRLEPGQQEE YYRKLAGLVE EMHAAYGKPV FLIGHSLGCL HLLYFLLRQP QAWKDRFIDG FISLGAPWGG SIKPMLVLAS GDNQGIPIMS SIKLKEEQRI TTTSPWMFPS RMAWPEDHVF ISTPSFNYTG RDFQRFFADL HFEEGWYMWL QSRDLLAGLP APGVEVYCLY GVGLPTPRTY IYDHGFPYTD PVGVLYEDGD DTVATRSTEL CGLWQGRQPQ PVHLLPLHGI QHLNMVFSNL TLEHINAILL GAYRQGPPAS PTASPEPPPP E
Tag:	His-tag
Predicted MW:	49.8 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant Human LCAT protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 000220</u>
Locus ID:	3931
UniProt ID:	<u>P04180, A0A140VK24</u>
Cytogenetics:	16q22.1



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	LCAT (25-440, His-tag) Human Protein – AR50723PU-N
Summary:	This gene encodes the extracellular cholesterol esterifying enzyme, lecithin-cholesterol acyltransferase. The esterification of cholesterol is required for cholesterol transport. Mutations in this gene have been found to cause fish-eye disease as well as LCAT deficiency. [provided by RefSeq, Jul 2008]
Protein Families Protein Pathway	

Product images:



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