

Product datasheet for AR50723PU-S

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OriGene Technologies, Inc.

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

Product data:

Product Type: Recombinant Proteins

Description: LCAT (25-440, His-tag) human recombinant protein, 0.1 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</u>, <u>A0A140VK24</u>

Cytogenetics: 16q22.1





Summary: This gene encodes the extracellular cholesterol esterifying enzyme, lecithin-cholesterol

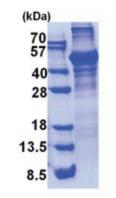
acyltransferase. The esterification of cholesterol is required for cholesterol transport. Mutations in this gene have been found to cause fish-eye disease as well as LCAT deficiency.

[provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Glycerophospholipid metabolism

Product images:



15% SDS-PAGE (3ug)