

Human LCAT Recombinant Protein



RPPB1884

Product Information Protein Information

Product SKU:

RPPB1884

Accession:

P04180

Host:

Escherichia Coli.

Protein description:

LCAT Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 441 amino acids (25-440) which includes a 25 amino acid His Tag fused at N-terminus and having a total molecular mass of 49.8 kDa. LCAT Human Recombinant is purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Phosphatidylcholine-sterol acyltransferase, Lecithin-cholesterol acyltransferase, Phospholipid-cholesterol acyltransferase, LCAT.

Formulation:

LCAT protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSHEFWLLN VLFPPHTTPK AELSNHTRPV ILVPGCLGNQ LEAKLDKPDV
VNWMCYRKTE DFFTIWLDLN MFLPLGVDCW IDNTRVVYNR SSGLVSNAPG VQIRVPGFGK TYSVEYLDSS
KLAGYLHTLV QNLVNNGYVR DETVRAAPYD WRLEPGQEE YYRKLGLVE 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.