

## Product datasheet for **TP760551**

### LCAT (NM\_000229) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human lecithin-cholesterol acyltransferase (LCAT), full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length LCAT
Tag:	N-His
Predicted MW:	47 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_000220</a>
Locus ID:	3931
UniProt ID:	<a href="#">P04180</a> , <a href="#">A0A140VK24</a>
RefSeq Size:	1354
Cytogenetics:	16q22.1
RefSeq ORF:	1320
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]


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**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Glycerophospholipid metabolism

**Product images:**

