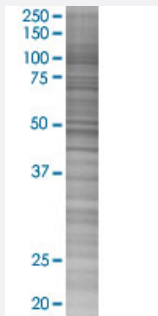


LCAT 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003931-T02

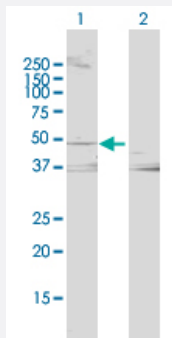
Size 100 uL

Applications



SDS-PAGE Gel

LCAT transfected lysate.



Western Blot

Lane 1: LCAT transfected lysate (49.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-LCAT full-length
Host	Human
Theoretical MW (kDa)	49.6
Interspecies Antigen Sequence	Mouse (87); Rat (87)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-LCAT antibody ([H00003931-D01P](#)) by Western Blots.
SDS-PAGE Gel
LCAT transfected lysate.
Western Blot
Lane 1: LCAT transfected lysate (49.60 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — LCAT

Entrez GeneID[3931](#)**GeneBank Accession#**[NM_000229.1](#)**Protein Accession#**[NP_000220.1](#)**Gene Name**

LCAT

Gene Alias

-

Gene Description

lecithin-cholesterol acyltransferase

Omim ID[136120 245900 606967](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

Other Designations

-

Pathway

- [Glycerophospholipid metabolism](#)

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diseases in Twins](#)
- [Drug Toxicity](#)
- [Ductus Arteriosus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertriglyceridemia](#)
- [Hypolipoproteinemias](#)
- [Infant](#)
- [Intracranial Arteriosclerosis](#)

- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pulmonary Disease](#)
- [Syndrome](#)
- [Tangier disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)