



UNIVERSITY of NORTH TEXAS HEALTH SCIENCE CENTER

Technology Transfer & Commercialization

# Recombinant lecithin-cholesterol acyltransferase (LCAT)

## Learn more!

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## Research Tool

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## Our Inventors

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## Publications

"Probing the 121-136 domain of lecithin-cholesterol acyltransferase using antibodies" Arch Biochem Biophys. 15;385(2):267 (2001)

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## Application

- Useful for *in vivo* and in *in vitro* studies and characterization of the cholesterol transport process.

## Details

- Purified LCAT, isolated from the supernatants of cultures of recombinant baby hamster kidney cells
- Characterized by:
  - Western blot
  - Immunoprecipitation
  - Protein gel electrophoresis
- Enzymatic activity confirmed by cholesterol esterification assay