



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### LCAT (Human) Recombinant Protein (P01)

**Catalog Number:** H00003931-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human LCAT full-length ORF ( NP\_000220.1, 1 a.a. - 440 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGPPGSPWQWVTLGLLLPPAAPFWLLNVLFPPHTT  
PKAELSNHTRPVILVPGCLGNQLEAKLDPVNVNWMC  
YRKTEFFTIWLDLNMFLPLGVDCWIDNTRVVYNRSS  
GLVSNAPGVQIRVPGFGKTYSEYLDSSKLAGYLHTLV  
QNLVNNGYVRDETVRAAPYDWRLEPGQQEEYRCLA  
GLVEEMHAAYGKPVFLIGHSLGCLHLLYFLLRQPQAW  
KDRFIDGFISLGAPWGGSIKPMVLASGDNQGIPIMSSI  
KLKEEQRITTTSPWMFPSRMAWPEDHVFISTPSFNYT  
GRDFQRFFADLHFEEGWYMWLQSRDLLAGLPAPGVE  
VYGLYGVGLPTPRTYIYDHGFPYTDVGVLYEDGDDT  
VATRSTELCGLWQGRQPQPVHLLPLHGIQHLNMVFSN  
LTLEHINAILLGAYRQGPPASPTASPEPPPE

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 76

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3931

**Gene Symbol:** LCAT

**Gene Alias:** -

**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]