

Recombinant Human LRAT Protein, GST-tagged

Cat. No. LRAT-4711H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LRAT full-length ORF (AAH31053.1, 1 a.a. - 230 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a microsomal enzyme that catalyzes the esterification of all-trans-retinol into all-trans-retinyl ester, an essential reaction for the retinoid cycle in visual system and vitamin A status in liver. Mutations in this gene have been associated with early-onset severe retinal dystrophy. [provided by RefSeq
Molecular Mass	51.04 kDa
AA Sequence	MKNPMLLEVVSLLLEKLLLLISNFTLFSSGAAGEDKGRNSFYETSSFHRGDVLEVPRTH LTHYGIYLGDNRVAHMMPDILLALTDDMGRTQKVVSNNKRLILGVIVKVASIRVDTVED FAYGANILVNHLDESLQKKALLNEEVARRAEKLLGFTPYSLWNNCEHFVTCRYGT PISPQSDKFCETVKIIIRDQRSVLASAVLGLASIVCTGLVSYTTLPALFIPFFLWMAG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name LRAT lecithin retinol acyltransferase (phosphatidylcholine--retinol O-acyltransferase) [Homo sapiens]

Official Symbol LRAT

Synonyms LRAT; lecithin retinol acyltransferase (phosphatidylcholine--retinol O-acyltransferase); lecithin retinol acyltransferase; LCA14; MGC33103;

Gene ID 9227

mRNA Refseq NM_004744

Protein Refseq NP_004735

MIM 604863

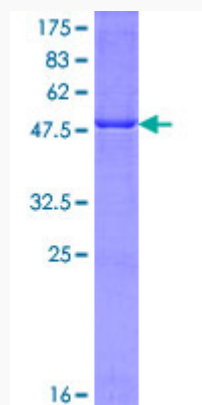
UniProt ID O95237

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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