

Recombinant Full Length Human LRAT Protein, GST-tagged

Cat. No. LRAT-6002HF **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	In Vitro Cell Free System
ProteinLength	230 amino acids
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	MKNPMLLEVVSLLLEKLLLLISNFTLFSSGAAGEDKGRNSFYETSSFHRGADVLEVPRTH LTHYGIYLGDNRAHMMPDILLALTDDMGRTQKVVSNNKRLILGVIVKVASIRVDTVED FAYGANILVNHLDLQKALLNEEVARRAEKLLGFTPYSLWNCEHFVITYCRYGT PISPQSDKFCETVKIIIRDQRSVLASAVLGLASIVCTGLVSYTTLPALFIPFFLWMAG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
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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