

Recombinant Rat Lipa protein, His & T7-tagged

Cat. No. Lipa-7938R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Lipa aa. (Asn32~Ile358 (Accession # Q64194)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asn32~Ile358
Description	Hydrolase that is involved in intracellular degradation of cholesteryl esters and triglycerides; mutation in gene causes Wolman's disease.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.3.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

 Tel: 1-631-559-9269 1-516-512-3133

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

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

was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Lipa lipase A, lysosomal acid type [Rattus norvegicus (Norway rat)]
Official Symbol	Lipa
Synonyms	Lipa; lipase A, lysosomal acid type; LAL; Lip1; Chole; Chole2; lysosomal acid lipase/cholesteryl ester hydrolase; Cholesterol esterase (pancreatic) see D3Wox12 D3Wox13 D3Wox26 and D3Mgh25; acid cholesteryl ester hydrolase; cholesteryl esterase; lipase A, lysosomal acid, cholesterol esterase; lysosomal acid lipase 1; lysosomal acid lipase A; pancreatic cholesterol esterase; sterol esterase
Gene ID	25055
mRNA Refseq	NM_012732.3
Protein Refseq	NP_036864.3

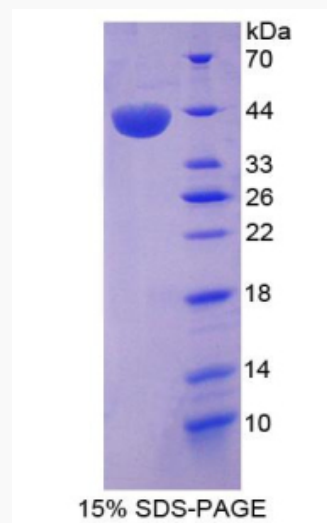
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UniProt ID

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