

Recombinant Human LPIN1 Protein, GST-tagged

Cat. No. LPIN1-4717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LPIN1 full-length ORF (AAH30537, 1 a.a. - 890 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene represents a candidate gene for human lipodystrophy, characterized by loss of body fat, fatty liver, hypertriglyceridemia, and insulin resistance. Mouse studies suggest that this gene functions during normal adipose tissue development and may also play a role in human triglyceride metabolism. [provided by RefSeq]
Molecular Mass	123.64 kDa
AA Sequence	MNYVGQLAGQVFVTVKGLYKGLNPATLSGCIDIIVIRQPNGNLQCSPFHVRFGKMGV LRSREKVVDIEINGESVDLHMKLGDNGEAFVQETDNDQEVIPMHLATSPILSEGAS RMECQLKRGSVDRMRGLDPSTPAQVIAPSETPSSSSVVKRRRKRKRSQDLSLKR DDNMNTSEDEDMFPIEMSSDEAMELLESSRTLNDIPPFQDDIPEENLSLAVIYPQSA SYPNSDREWSPTSPSGSRPSTPKSDSELVSKSTERTGQKNPEMLWLWGELPQAA KSSSPHKMKESSPLSSRKICDKSHFQAIHSESSDTFSDQSPTLVGGALLDQNKPKTE MQFVNEEDLETLGAAAPLLPMIEELKPPSASVVQTANKTDSPSRKRDKRSRHLGAD GVYLDLTDMDPEVAALYFPKNGDPSGLAKHASDNGARSANQSPQSVGSSGVDSG VESTSDGLRDLPSIAISLCGGLSDHREITKDAFLEQAVSYQQFVDNPAIIDDPNLVVKI GSKYYNWTTAAPLLLAMQAFQKPLPKATVESIMRDKMPKKGGRWWFSWGRNTTI

 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

KEESKPEQCLAGKAHSTGEQPPQLSLATRVKHESSSSDEERAAAKPSNAGHLPLLP
 NVSYKKTLRLTSEQLKTLKLKNGPNDVVSFTTQYQGTCTCRCEGTIYLWNWDDKVIIS
 DIDGTITRSDTLGHILPTLGKDWTHQGIKLYHKVSQNGYKFLYCSARAIGMADMTR
 GYLHWVNERGTVLPQGPLLLSPSSLFSALHREVIEKKPEKFKVQCLTDIKNLFFPNT
 PFYAAFGNRPADVYSYKQVGVSLNRIFTVNPKGELVQEHAKTNISSYVRLCEVVDHV
 FPLLKRSHSSDFPCSDTFSNFTFWREPLPPFENQDIHSASA

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.

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

[LPIN1 lipin 1 \[Homo sapiens \]](#)

Official Symbol

[LPIN1](#)

Synonyms

LPIN1; lipin 1; phosphatidate phosphatase LPIN1; KIAA0188; lipin-1; PAP1;
 DKFZp781P1796;

Gene ID

[23175](#)

mRNA Refseq

[NM_145693](#)

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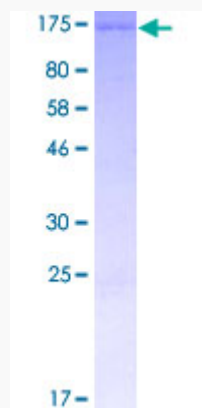
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Protein Refseq NP_663731

MIM 605518

UniProt ID Q14693

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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