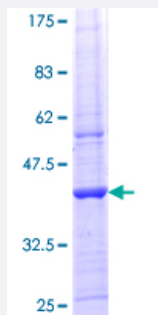


LPIN1 (Human) Recombinant Protein (Q01)

Catalog # H00023175-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LPIN1 partial ORF (NP_663731.1, 792 a.a. - 890 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EPFYAAFGNRPADVYSYKQVGVSLSNRIFTVNPKGELVQEHAKTNISSYVRLCEVVDHVFPLLKRSH SSDFPCSDTFSNFTFWREPLPPFENQDIHSASA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (85); Rat (85)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LPIN1

Entrez GeneID [23175](#)

GeneBank Accession# [NM_145693](#)

Protein Accession# [NP_663731.1](#)

Gene Name LPIN1

Gene Alias DKFZp781P1796, KIAA0188, PAP1

Gene Description lipin 1

Omim ID [605518](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations -

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)

- [Insulin Resistance](#)
- [Lipodystrophy](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)