

Full-Length

LIPH (Human) Recombinant Protein (P02)

Catalog # H00200879-P02

Size 25 ug, 10 ug

Applications

Specification

Product Description

Human LIPH full-length ORF (NP_640341.1, 1 a.a. - 451 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLRFYLFISLLCLSRSDAEETCPSTRLSFHSAVVGTGLNVRLMLYTRKNLTCAQTINSSAFGNLNV
TKKTTFIVHGFRPTGSPVWMDLVLKGLLSVEDMNVVVVDWNRGATTLIYTHASSKTRKVAMVLK
EFIDQMLAEGASLDDIYMIGVSLGAHISGFVGEMYDGLGRITGLDPAGPLFNGKPHQDRLDPSD
AQFVDVIHSDTDALGYKEPLGNIDFYPNGGLDQPGCPKILGGFQYFKCDHQRSVYLYLSSLRSC
TITAYPCDSYQDYRNGKCVSCGTSQKESCPLLGYADNWKDHLRGKDPPMTKAFFDTAEESPFC
MYHYFVDIITWNKNVRRGDITIKLRDKAGNTTESKINHEPTTFQKYHQVSLARFNQDLQDKVAAISLM
FSTGSLIGPRYKLRILRMKLRSLAHPERPQLCRYDLVLMENVETVFQILCPQL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.3

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 — LIPH

Entrez GeneID [200879](#)**GeneBank Accession#** [NM_139248.2](#)**Protein Accession#** [NP_640341.1](#)**Gene Name** LIPH**Gene Alias** AH, LPDLR, PLA1B, mPA-PLA1**Gene Description** lipase, member H**Omim ID** [604379](#) [607365](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a membrane-bound member of the mammalian triglyceride lipase family. It catalyzes the production of 2-acyl lysophosphatidic acid (LPA), which is a lipid mediator with diverse biological properties that include platelet aggregation, smooth muscle contraction, and stimulation of cell proliferation and motility. [provided by RefSeq]

Other Designations lipase H|mPA-PLA1 alpha|membrane-bound phosphatidic acid-selective phospholipase A1