

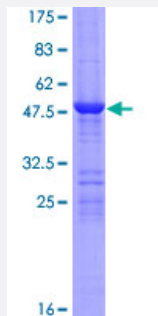
Full-Length

LYPLA2 (Human) Recombinant Protein (P01)

Catalog # H00011313-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LYPLA2 full-length ORF (NP_009191.1, 1 a.a. - 231 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MCGNTMSVPLL TDAATVSGAERETA AVIFLHGLGDTGHSWADALSTIRLPHVKYICPHAPRIPVTLN
MKMVMPSWFDLMGLSPDAPED EAGIKKAAENIKALIEHEMKNGIPANRVLGGFSQGGALSLYTAL
TCPHPLAGIVALSCWLPLHRAFPQAANGSAKDLAILQCHGELDPMVPVRFGALTAEKLRSVVTPA
RVQFKTYPGVMHSSCPQEMAAVKEFLEKLLPPV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

51.1

Interspecies Antigen Sequence

Mouse (99); Rat (98)

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 — LYPLA2

Entrez GeneID	11313
GeneBank Accession#	NM_007260.2
Protein Accession#	NP_009191.1
Gene Name	LYPLA2
Gene Alias	APT-2, DJ886K2.4
Gene Description	lysophospholipase II
Gene Ontology	Hyperlink
Gene Summary	Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. There are alternatively spliced transcript variants described for this gene but the full length nature is not known yet. [provided by RefSeq]
Other Designations	OTTHUMP00000002999 OTTHUMP00000044831 acyl-protein thioesterase

Pathway

- [Glycerophospholipid metabolism](#)