

Recombinant Human LYPLA2 protein, His-tagged

Cat. No. LYPLA2-3456H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LYPLA2(1-231aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-231 a.a.
Description	Acyl-protein thioesterase 2, also known LYPLA2, is lysophospholipase that acts on biological membranes to regulate the multifunctional lysophospholipids. This protein may hydrolyze fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl
Molecular Mass	26.9 kDa (251aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSHVMPSWFDLMG LSPDAPEDEA GIKKAAENIK ALIEHEMKNG IPANRIVLGG FSQGGALSLY TALTCPHPLA GIVALSCWLP LHRAFPQAANGSAKDLAILQ CHGELDPMVP VRFGALTAEK LRSVVT PARV QFKTYPGVMH SSCPQEMAAV KEFLEKLLPP VMCNTMSVPL LTDAATVSGA ERETA AVIFL HGLGDTGHSW ADALSTIRLP HVKYICPHAP RIPVTLMKMK

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Purity	>95% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	LYPLA2 lysophospholipase II [Homo sapiens]
Official Symbol	LYPLA2
Synonyms	LYPLA2; lysophospholipase II; acyl-protein thioesterase 2; APT 2; LPL-II; lysoPLA II; APT-2; DJ886K2.4;
Gene ID	11313
mRNA Refseq	NM_007260
Protein Refseq	NP_009191
MIM	
UniProt ID	O95372
Chromosome Location	1p36.11
Pathway	Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem;

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Function

hydrolase activity;

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