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Datasheet for ABIN7319283
LYPLA2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	LYPLA2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This LYPLA2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human LYPLA2 Protein (His Tag)
Sequence:	Met 1-Val231
Characteristics:	Recombinant Human Acyl-Protein Thioesterase 2 is produced by our E.coli expression system and the target gene encoding Met1-Val231 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	LYPLA2
Alternative Name:	LYPLA2 (LYPLA2 Products)
Background:	Background: Acyl-Protein Thioesterase 2 is a cytoplasmic protein that belongs to the AB Hydrolase 2 family. LYPLA2 is a lysophospholipase and hydrolyzes fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS. LYPLA2 has hydrolase

Target Details

activity that converts Palmitoyl-protein to palmitate and protein. LYPLA2 regulates the multifunctional lysophospholipids by acting on biological membranes. LYPLA2 participates in Glycerophospholipid metabolism pathway, fatty acid metabolic process and lipid metabolic process.

Synonym: Acyl-Protein Thioesterase 2, APT-2, Lysophospholipase II, LPL-II, LysoPLA II, LYPLA2, APT2

Molecular Weight: 25.8 kDa

UniProt: [O95372](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris, 1 mM DTT, 0.1M NaCl, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.