

Product Name: Recombinant Human LYPLA2 (C-6His)
Catalog #: PEH1117

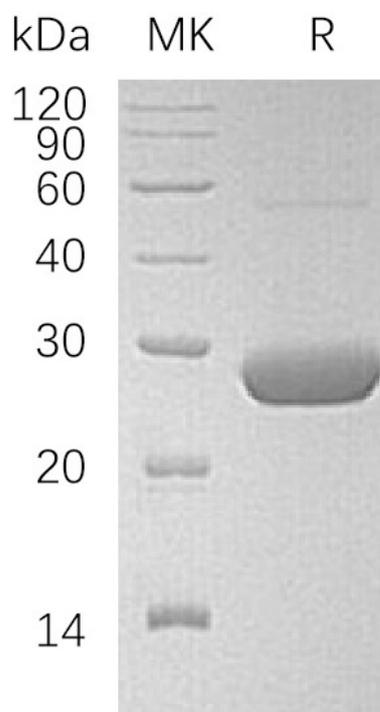


Summary

Name	LYPLA2/Acyl-protein thioesterase 2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	O95372
Host	E.coli
Species	Human
Predicted Molecular Mass	25.8 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 1mM DTT, 100mM NaCl, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Acyl-Protein Thioesterase 2; APT-2; Lysophospholipase II; LPL-II; LysoPLA II; LYPLA2; APT2

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 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.

Note

For Research Use Only , Not for Diagnostic Use.