

APT-1 Protein, Human, Recombinant (His)

General Information

Synonyms:	LPL-I;LPL1;APT-1;Acyl-Protein Thioesterase 1;LYPLA1;Lysophospholipase 1;hAPT1;APT1;Lysophospholipase I;LysoPLA I
Protein Construction:	Met1-Asp230
Species:	Human
Expression Host:	E. coli
Accession:	O75608
Molecular Weight:	25 KDa (reducing condition)
AA Sequence:	Met1-Asp230

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 100 mM NaCl, 1 mM DTT, 10% Glycerol, pH 8.0.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

Acyl-Protein Thioesterase 1 (APT-1) is lysophospholipase that belongs to the AB hydrolase 2 family. Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. APT-1 performs on biological membranes to regulate the multifunctional lysophospholipids. It hydrolyzes lysophosphatidylcholine in both monomeric and micellar forms. It hydrolyzes fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS; in addition, it also has depalmitoylating activity and low lysophospholipase activity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481