
Product Data Sheet

Product Name: LYPLAL1 Human
 Cat. No.: GP21894
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Lysophospholipase-like protein 1; LYPLAL1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAAASG SVLQRCIVSP AGRHSASLIF LHGSGDSGQG LRMWIKQVLN QDLTFQHIKI IYPTAPRSY TPMKGGISNV WFDRFKITND CPEHLESIDV MCQVLTDLID EEVKSGIKKN RILIGGFMSG GCMAMHLAYR NHQDVAGVFA LSSFLNKASA VYQALQKSNG VLPELFQCHG TADELVLHSW AEETNSMLKS LGVTTKFHSF PNVYHELST ELDILKLWIL TKLPGEMEQ K.		
Formulation	The LYPLAL1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.		

Introduction

Lysophospholipase-like protein 1 (LYPLAL1) is a member of the AB hydrolase 2 family. LYPLAL1 doesn't exhibit phospholipase nor triacylglycerol lipase activity, able to hydrolyze only short chain substrates as a result of its shallow active site.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

LYPLAL1 Human Recombinant produced in E. coli is a single polypeptide chain containing 261 amino acids (1-237) and having a molecular mass of 28.9kDa. LYPLAL1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA