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LYPLAL1 Human

Catalog #:ENPS-651

For research use only.

Description: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.

Synonyms: Lysophospholipase-like protein 1, LYPLAL1.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSHMAAASG SVLQRCIVSP AGRHSASLIF LHGSGDSGQG LRMWIKQVLN QDLTFQHIKI IYPTAPPRSY TPMKGGISNV WFDRFKITND CPEHLESIDV MCQVLTDLID EEVKSGIKKN RILIGGFSMG GCMAMHLAYR NHQDVAGVFA LSSFLNKASA VYQALQKSNG VLPELFQCHG TADELVLHSW AEETNSMLKS LGVTTKFHSF PN

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:
The LYPLAL1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.

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.

Usage:
NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
Lysophospholipase-like protein 1 (LYPLAL1) is a member of the AB hydrolase 2 family. LYPLAL1 doesnt exhibit phospholipase nor triacylglycerol lipase activity, able to hydrolyze only short chain substrates as a result of its shallow active site.

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