

Recombinant human LYPLAL1 protein

Catalog Number: ATGP1646

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-237aa

UniProt No.

Q5VWZ2

NCBI Accession No.

NP_620149

Alternative Names

Lysophospholipase-like protein 1, Lysophospholipase-like 1

PRODUCT SPECIFICATION

Molecular Weight

28.9 kDa (261aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Lysophospholipase-like protein 1 (LYPLAL1) belongs to the AB hydrolase 2 family. This protein doesn't exhibit phospholipase nor triacylglycerol lipase activity, able to hydrolyze only short chain substrates due to its shallow active site. Recombinant human LYPLAL1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGSH>MAAASG SVLQRCIVSP AGRHSASLIF LHGSGDSGQG LRMWIKQVLN

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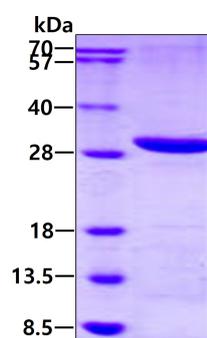
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PNVYHELSTK ELDILKWLWIL TKLPGEMEKQ K

General References

Bille DS, et al. (2011) PLoS One. 2011
6(6):e20640. Epub 2011 Jun 2.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.