

1-acyl-sn-glycerol-3-phosphate acyltransferase PLS1 (PLS1), Recombinant Protein

Cat *RP10476*

Species

Zea mays (Maize)

Full Product Name

Recombinant Zea mays 1-acyl-sn-glycerol-3-phosphate acyltransferase PLS1 (PLS1), partial

Product Gene Name

PLS1 recombinant protein

Product Synonym Gene Name

PLS1

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

42,571 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

1-acyl-sn-glycerol-3-phosphate acyltransferase

NCBI Accession

NP_001105919.1

NCBI GI

162462974

NCBI GenBank Nucleotide

NM_001112449.1

NCBI GeneID

732844

NCBI Official Full Name

1-acyl-sn-glycerol-3-phosphate acyltransferase PLS1

NCBI Official Symbol

pls1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Synonym Symbols

Agpat4; GRMZM2G037104

NCBI Protein Information

1-acyl-sn-glycerol-3-phosphate acyltransferase PLS1

UniProt Gene Name

PLS1

UniProt Protein Name

1-acyl-sn-glycerol-3-phosphate acyltransferase PLS1

UniProt Synonym Protein Names

Phospholipid synthesis protein 1

UniProt Primary Accession

Q41745

UniProt Related Accession

Q41745

UniProt Comments

Converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating acyl moiety at the 2 position.

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