

Phosphoinositide phospholipase C 6 (PLC6), Recombinant Protein

Cat RP01308

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Phosphoinositide phospholipase C 6 (PLC6) , partial

Product Gene Name

PLC6 recombinant protein

Product Synonym Gene Name

PLC6

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

70,038 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

Phosphoinositide phospholipase

NCBI Accession

NP_850327.2

NCBI GI

42570393

NCBI GenBank Nucleotide

NM_179996.3

NCBI GeneID

818602

NCBI Official Full Name

Phosphoinositide-specific phospholipase C family protein

NCBI Official Symbol

AT2G40116

NCBI Protein Information

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Phosphoinositide phospholipase C 6 (PLC6), Recombinant Protein

Cat *RP01308*

Phosphoinositide-specific phospholipase C family protein

UniProt Gene Name

PLC6

UniProt Synonym Gene Names

PLC8; AtPLC6; AtPLC8; PI-PLC6

UniProt Protein Name

Phosphoinositide phospholipase C 6

UniProt Synonym Protein Names

Phosphoinositide phospholipase PLC6; AtPLC6; AtPLC8; PI-PLC6

UniProt Primary Accession

Q8GV43

UniProt Related Accession

Q8GV43

UniProt Comments

The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes.

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