

Pleckstrin homology domain-containing protein 1 (PH1), Recombinant Protein

Cat *RP00335*

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Pleckstrin homology domain-containing protein 1 (PH1)

Product Gene Name

PH1 recombinant protein

Product Synonym Gene Name

PH1

Purity

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

Sequence

MESIWRATG QDPSREDYEG IEFWSNPERS GWLTKQGDYI KTWRRRWFLV KRGKLLWFKD QAAAGIRGST
PRGVISVGDC LTVKGAEDVV NKPFAPFELSS GSYTMFFIAD NEKEKEEWIN SIGRSIVQHS RSVTDSEVLD
YDHRR

Sequence Positions

1-145, Full length protein

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

16,811 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

Pleckstrin homology domain-containing protein

NCBI Accession

NP_565687.1

NCBI GI

18402122

NCBI GenBank Nucleotide

NM_128524.4

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (*E-Coli*)/ 0.1 mg (*Baculovirus*)/ 1 mg (*Yeast*)/ 0.1 mg (*Mammalian-Cell*)/ 1 mg (*Baculovirus*)/ 0.5 mg (*Mammalian-Cell*)

NCBI GeneID

817520

NCBI Official Full Name

pleckstrin homologue 1

NCBI Official Symbol

PH1

NCBI Official Synonym Symbols

ATPH1; pleckstrin homologue 1; T27A16.20; T27A16_20

NCBI Protein Information

pleckstrin homologue 1

NCBI Summary

Encodes a protein containing one PH (pleckstrin homology) domain with a short N-terminal extension

UniProt Gene Name

PH1

UniProt Synonym Gene Names

AtPH1

UniProt Protein Name

Pleckstrin homology domain-containing protein 1

UniProt Primary Accession

Q9ST43

UniProt Secondary Accession

O82386

UniProt Related Accession

Q9ST43

UniProt Comments

Binds specifically to phosphatidylinositol 3-phosphate (PtdIns3P), but not to other phosphoinositides.

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