

Probable inactive purple acid phosphatase 14 (PAP14), Recombinant Protein

Cat *RP05414*

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

mg (Baculovirus)/ 1 mg (E-Coli)/ 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 Probable inactive purple acid phosphatase 14 (PAP14)

Product Gene Name

PAP14 recombinant protein

Product Synonym Gene Name

PAP14

Purity

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

Sequence

FDFGRRQLRF NTDGRFKILQ VSDMHYGF GK ETQCSDVSPA EFPYCSDLNT TSFLQRTIAS EKPD LIVFSG
DNVYGLCETS DVAKSMDMAF APAIESGIPW VAILGNHDQE SDMTRETMMK YIMKLPNSLS QVNPPDAWLY
QIDGFGNYNL QIEGPGSPL FFKSILNLYL LDGGSYTKLD GFGYKYDWVK TSQQNWEHT SKWLEMEHKR
WPFQNSTAP GLVYLHIMP EFALFNKSTE MTGVRQESTC SPPINSFFT KLVERGEVKG VFSGHDHVND
FCAELHGINL CYAGGAGYHG YGQVGWARRV RVVEAQLEKT MYGRWGAVDT IKTWKRLDDK NHSLDTQLL
WTKNTTLEPN FGFSCSTIPQ H

Sequence Positions

31-401, 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

36,943 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

Probable plastid-lipid-associated protein

NCBI Accession

NP_182211.2

NCBI GI

42569990

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

NCBI GenBank Nucleotide

NM_130255.2

NCBI GeneID

819301

NCBI Official Full Name

purple acid phosphatase 14

NCBI Official Symbol

PAP14

NCBI Official Synonym Symbols

ATPAP14; F14M4.29; purple acid phosphatase 14

NCBI Protein Information

purple acid phosphatase 14

UniProt Gene Name

PAP14

UniProt Protein Name

Probable inactive purple acid phosphatase 14

UniProt Primary Accession

Q84LR6

UniProt Secondary Accession

Q5MAV1; Q84LR5; Q9SLM3

UniProt Related Accession

Q84LR6

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