

Purple acid phosphatase 25 (PAP25), Recombinant Protein

Cat RP05072

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

Full Product Name

Recombinant Arabidopsis thaliana Purple acid phosphatase 25 (PAP25)

Product Gene Name

PAP25 recombinant protein

Purity

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

Sequence

GTTSNFVRTA QPSTEMSLET FPSPAGHNAP EQVHIVQGDY NGRGIIISWV TPLNLAGSNV VTYWKAVDGD
VKPKKKRGHA STSSYRFYDY TSGFLHHATI KGLEYDTKYI YEVGTDGSRV QFSFTSPPKV GPDVPYTFGI
IGDLGQTLAS NETLYHYMSN PKGQAVLFPG DLSYADDHPN HDQRKWDSWG RFVEPCAAYQ TFIYAAGNHE
IDFVPNIGEP HAFKPYIHRY HNAYKASKSI SPLWYSIRRA SAHIIVLSSY SAYGKYTPQY VWLEQELKKV
NREETPWLV MVHSPWYNSN NYHYMEGESM RAMFESWFFVN SKVDLVLSGH VHSYERSERV SNIKYNITNG
LSYPVKDPSA PIYITIGDGG NIEGANSFT DPQPSYSAYR EASFGHAVLE IYNRTHAYYT WHRNQDNEPV
AADSIMLHNR YFFPVEELES GNTRA

Sequence Positions

22-466, 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

52,969 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.

NCBI Accession

NP_195353.1

NCBI GI

15234369

NCBI GenBank Nucleotide

NM_119798.1

NCBI GeneID

829787

NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Symbol

PAP25

NCBI Official Synonym Symbols

ARABIDOPSIS THALIANA PURPLE ACID PHOSPHATASE 25; ATPAP25; F23E13.190; F23E13_190; purple acid phosphatase 25

NCBI Protein Information

purple acid phosphatase 25

UniProt Gene Name

PAP25

UniProt Synonym Gene Names

AT7; ATH2

UniProt Protein Name

Purple acid phosphatase 25

UniProt Primary Accession

O23244

UniProt Related Accession

O23244

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