

Soluble inorganic pyrophosphatase 2 (PPA2), Recombinant Protein

Cat *RP01825*

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* Soluble inorganic pyrophosphatase 2 (PPA2)

Product Gene Name

PPA2 recombinant protein

Purity

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

Sequence

MAEIKDEGSA KGYAFPLRNP NVTLNERNFA AFTHRSAAAH PWHDLIGPE APTVFNCVVE ISKGGKVKYE
LDKNSGLIKV DRVLYSSIVY PHNYGFIPRT ICEDSDPMDV LVLMQEPVLT GSFLRARAIG LMPMIDQGEK
DDKIIAVCAD DPEFRHYRDI KELPPHRLAE IRRFFEDYKK NENKKVDVEA FLPAQAAIDA IKDSMDLYAA
YIKAGLQR

Sequence Positions

1-218, 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

24,671 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

Soluble inorganic pyrophosphatase

NCBI Accession

NP_179415.1

NCBI GI

15224134

NCBI GenBank Nucleotide

NM_127380.4

NCBI GeneID

816338

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Full Name

pyrophosphorylase 2

NCBI Official Symbol

PPa2

NCBI Official Synonym Symbols

AtPPa2; pyrophosphorylase 2; T30D6.26; T30D6_26

NCBI Protein Information

pyrophosphorylase 2

NCBI Summary

Encodes a protein that might have inorganic pyrophosphatase activity.

UniProt Gene Name

PPA2

UniProt Synonym Gene Names

PPase 2

UniProt Protein Name

Soluble inorganic pyrophosphatase 2

UniProt Synonym Protein Names

Pyrophosphate phospho-hydrolase 2

UniProt Primary Accession

P21216

UniProt Secondary Accession

Q8L988; Q9ZPV6

UniProt Related Accession

P21216

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