

Soluble inorganic pyrophosphatase (PPA), Recombinant Protein

Cat RP15390

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

Solanum tuberosum (Potato)

Full Product Name

Recombinant Solanum tuberosum Soluble inorganic pyrophosphatase (PPA)

Product Gene Name

PPA recombinant protein

Product Synonym Gene Name

PPA

Purity

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

Sequence

MSNENDDLSP QRRAPRLNER ILSSISRRSV AAHPWHLEI GPEAPSVFNV VIEISKGSKV KYELDKKTGL IKVDRIYSS VVYPQNYGFI PRTLCEDNDP MDVLVLMQEP VLPGCFLRAR AIGLMPMIDQ GEKDDKIIAV CADDPEYRHY TDIKQLPPHR LAEIRRFED YKKKENKDVA VDDFLPPNSA VNAIQYSMDL YAEYILHSLR K

Sequence Positions

1-211, 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

24,262 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

Q43187.1

NCBI GI

2500047

NCBI GeneID

102584131

NCBI Official Full Name

Soluble inorganic pyrophosphatase PPA1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Symbol

PPA1

NCBI Official Synonym Symbols

ppa; PPase

NCBI Protein Information

soluble inorganic pyrophosphatase PPA1; soluble inorganic pyrophosphatase

UniProt Gene Name

PPA1

UniProt Synonym Gene Names

PPase

UniProt Protein Name

Soluble inorganic pyrophosphatase PPA1

UniProt Synonym Protein Names

Pyrophosphate phospho-hydrolase

UniProt Primary Accession

Q43187

UniProt Related Accession

Q43187

UniProt Comments

Catalyzes the irreversible hydrolysis of pyrophosphate (PPi) to phosphate.

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