

Inorganic phosphate transporter 1-6 (PHT1-6), Recombinant Protein

Cat *RP13645*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Inorganic phosphate transporter 1-6 (PHT1-6), partial

Product Gene Name

PHT1-6 recombinant protein

Product Synonym Gene Name

PHT1-6

Purity

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

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

57,786 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

Inorganic phosphate transporter

NCBI Accession

XP_015649112.1

NCBI GI

1002289619

NCBI GenBank Nucleotide

XM_015793626.1

NCBI GeneID

4346342

NCBI Official Full Name

inorganic phosphate transporter 1-6

NCBI Official Symbol

LOC4346342

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Inorganic phosphate transporter 1-6 (PHT1-6), Recombinant Protein

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PT6; OsPT6; OsLPT1; PHT1-6; OsLPT6:1

NCBI Protein Information

inorganic phosphate transporter 1-6

UniProt Gene Name

PHT1-6

UniProt Synonym Gene Names

PT6; OsPT6; OsPht1;6

UniProt Protein Name

Inorganic phosphate transporter 1-6

UniProt Synonym Protein Names

H(+)/Pi cotransporter; OsLPT1; OsLPT6:1

UniProt Primary Accession

Q8H6H0

UniProt Secondary Accession

A0A0P0XIB8

UniProt Related Accession

Q8H6H0

UniProt Comments

High-affinity transporter for external inorganic phosphate (Pi). Probably involved in Pi uptake, translocation and internal transport throughout the plant.

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