

Phosphate transporter PHO1 homolog 3 (PHO1;H3), Recombinant Protein

Cat RP08640

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Phosphate transporter PHO1 homolog 3 (PHO1;H3) , partial

Product Gene Name

PHO1;H3 recombinant protein

Product Synonym Gene Name

PHO1;H3

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

93,837 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

Phosphate transporter

NCBI Accession

NP_172857.2

NCBI GI

79343989

NCBI GenBank Nucleotide

NM_101270.3

NCBI GenID

837965

NCBI Official Full Name

EXS (ERD1/XPR1/SYG1) family protein

NCBI Official Symbol

AT1G14040

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Synonym Symbols

F7A19.13; F7A19_13; PHO1 homolog 3; PHO1;H3

NCBI Protein Information

EXS (ERD1/XPR1/SYG1) family protein

NCBI Summary

Encodes a PHO1 homologue that is upregulated in response to Zn deficiency and is involved in Pi homeostasis in response to Zn deficiency.

UniProt Gene Name

PHO1;H3

UniProt Synonym Gene Names

AtPHO1;H3

UniProt Protein Name

Phosphate transporter PHO1 homolog 3

UniProt Synonym Protein Names

Protein PHO1 homolog 3; AtPHO1;H3

UniProt Primary Accession

Q6R8G7

UniProt Secondary Accession

Q9LMF4; Q9XI83

UniProt Related Accession

Q6R8G7

UniProt Comments

May transport inorganic phosphate (Pi).

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