

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

Cat      *RP08640*

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## 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 GeneID

837965

## NCBI Official Full Name

EXS (ERD1/XPR1/SYG1) family protein

## NCBI Official Symbol

AT1G14040

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**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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