

Phosphate transporter PHO1 homolog 8 (PHO1-H8), Recombinant Protein

Cat *RP08688*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Phosphate transporter PHO1 homolog 8 (PHO1-H8)

Product Gene Name

PHO1-H8 recombinant protein

Purity

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

Sequence

MKFGKEYVAQ MIPEWQQAYM DYTCLKTILR EIKTSQKRSE SQGV LKRKLS GRRNFSG LTK RYSRTFSSRD
LENH DIMVHA TTGDDGF EKY ETTILKVSEV GRESELVFFK TLDLEFDKVN RFYRSNVEEL VKEAVVLNRQ
MDALIAYRIK LDQPSTSWSC SETVSVDINA LDSKEQKGKT LAEEMGIKVE ENVSNGGDST KETAPEALSV
LDRI RL NKNQ ENPLSTIRNV LKLSNKEDIK FTKENLKKIE ERLKNV FIEF YRKL RHLKNY SFLNTLAISK
IMKKYDKIAL RNAAKLYMEM VDKSYLTSSD EINKLMLRVE SIFVEHFAGS NRSKGMNLLR PKVTKEKHRI
TFSTGFFVGC TVSLVIALGL FIHARNIMGA VGHKLYMETM FPLYSLFAFV VLHMIMYASN IYFWKRYRVN
YPIFGFKEG TELGYGHVLL LSFGLGTLAL CAVLVNMDME MDPNTNDYKT ITELVPLFVV ALVIAISVCP
FNIFYRSSRF FFLMVLFRCI AAPLYKVNLP DFFLADQLTS QVQALRSLEF YICYYGWGDF KQRQSTCKSS
DVYSTFYFIV AVIPYWSRFL QCVRR LIEEK DVSQGFNALK YLLTIVAVCL RTAFSINRGN DWKIAAWVFS
GLATFYGTYW DIVYDWGLLH RPSKSWLREK LLVPHKSVYY VAMVVNVVLR LAWLQTVLDF NISFLHRETM
VALIAILEII RRGIW NFFRL ENEHLNNVGK FRAFKSVPLP FNYDEEEDRD S

Sequence Positions

1-751aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

87,396 Da

Storage

Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Protein Family

Phosphate transporter

NCBI Accession

NP_174768.2

NCBI GI

79357228

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Phosphate transporter PHO1 homolog 8 (PHO1-H8), Recombinant Protein

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Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

NCBI GenBank Nucleotide

NM_103232.2

NCBI GeneID

840424

NCBI Official Full Name

phosphate transporter PHO1-8

NCBI Official Symbol

AT1G35350

NCBI Official Synonym Symbols

T9I1.12; T9I1_12

NCBI Protein Information

phosphate transporter PHO1-8

UniProt Gene Name

PHO1-H8

UniProt Synonym Gene Names

AtPHO1;H8

UniProt Protein Name

Phosphate transporter PHO1 homolog 8

UniProt Synonym Protein Names

Protein PHO1 homolog 8; AtPHO1;H8

UniProt Entry Name

PHO18_ARATH

UniProt Primary Accession

Q6R8G2

UniProt Secondary Accession

Q9C7H9

UniProt Related Accession

Q6R8G2

UniProt Comments

May transport inorganic phosphate (Pi).

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