

Recombinant Full Length Arabidopsis Thaliana Phosphate Transporter Pho1 Homolog 8(Pho1-H8) Protein, His-Tagged

Cat. No. RFL21861AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Phosphate transporter PHO1 homolog 8(PHO1-H8) Protein (Q6R8G2) (1-751aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-751)
Form	Lyophilized powder
AA Sequence	MKFGKEYVAQMIPEWQQAYMDYTCLKTILREIKTSQKRSESQGVLRKRLSGRRNFS GLTK RYSRTFSSRDLENHDMVHATTGDDGFKEYETTILKVSEVGRESELVFFKTLD LEFDKVN RFYRSNVEELVKEAVVLNRQMDALIAYRIKLDQPSTSWSCSETVSVDINA LDSKEQKGKT LAEEMGIKVEENVSNNGDSTKETAPEALSVLDRIRLNKNQENPLSTI RNVLKLSNKEDIK FTKENLKKIEERLKNVFIEFYRKLRLHKNYSFLNTLAISKIMKKYDK IALRNAAKLYMEM VDKSYLTSSDEINKLMLRVESIFVEHFAGSNRSKGMNLLRPKVT KEKHRITFSTGFFVGC TVSLVIALGLFIHARNIMGAVGHKLYMETMFPLYSLFAFVVL HMIMYASNIYFWKRYRVN YPFIFGFKEGTELGYGHVLLLSFGLGTLALCAVLVNMDM EMDPNTNDYKTITELVPLFVV ALVIAISVCPFNIFYRSSRFFFLMVLFRCAAPLYKVN PDFFLADQLTSQVQALRSLEF YICYYGWGDGFKQRQSTCKSSDVYSTFYFIVAVIPYW SRFLQCVRRRIIEEKDVSQGFNALK YLLTIVAVCLRTAFSINRGNDWKIAAWVFSGLAT

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FYGTYWDIVYDWGLLHRPSKSWLREK LLVPHKSVYYVAMVVNVVLRRLAWLQTVLD
FNISFLHRETMVALIAILEIIRRGIWNNFFRL ENEHLNNVGKFRAFKSVPLPFNYDEEED
RDS

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name PHO1-H8

Synonyms PHO1-H8; At1g35350; T9I1.12; Phosphate transporter PHO1 homolog 8; Protein PHO1 homolog 8; AtPHO1;H8

UniProt ID [Q6R8G2](#)

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