

Recombinant Full Length Arabidopsis Thaliana Phosphate Transporter Pho1 Homolog 1(Pho1-H1) Protein, His-Tagged

Cat. No. RFL28893AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Phosphate transporter PHO1 homolog 1(PHO1-H1) Protein (Q93ZF5) (1-784aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-784)
Form	Lyophilized powder
AA Sequence	MVKFTKQFEGQLVPEWKDAFVDYSQLKKDLKKIHLFTNGVEKKHTETSLIKTVKSSL GRL SIFGNKGREQSRVIQVHKKLASSGSNNDVYETELLEKIADDTDAAKEFFACLD QLNKVN QFYKTKEKEFLERGECLKKQMDILIELKDAFKQKQANGESTQESKEDDSIS CTISCEYDS VRGRTEEMQLQVSCLDNLEDNGEEALESLGSEEPKANNEDSKLTTV SSRVFSCQGKNVK IKIPLTNPSRTFSAISYLINQSSSKKNPGDGGNKLQISKKKLSHA EKMIKALTTELKGL NYLKTYRNLNILAFMNILKKFDKVTGKQILPIYLKVVESYFNIS DKVMILSDEVEEWF KHLAGENRRKAMKYLKPHHRKESHVTFFIGLFTGCFVALLA GYIIVAHLTGMYRQHSAN TFYMETAYPVLSMFGLLFLHFLYGCNIFMWRKARINYS FIFELGSKNELKYRDVFLICT ASMSAIAGVMFVHLSLLEKGYSFQVQVIPGLLLLGFL LILICPLNIFYKSSRYRLISVI RNIVFSPLYKVVMLDFFMADQLCSQVPMRLNLEYIACY YITGSYATQDYEYCMRVKYYRD LAYAVSFLPYWWRAMQCARRWFDEGETSHLVNL

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GKYVSAMLAAGTKVAYEKERSLGWLCL VVAMSSVATIQLYWDFVKDWGLLQHNS
 NNPWLRNQMLRQKSIYYFSMVLNLVLRWLAWL QTVLHSSFEHVDYRVTGLFLAALE
 VIRRGQWNFYRLENEHLNAGKFRAVKTVPLPFREV DEED

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-H1

Synonyms PHO1-H1; At1g68740; F14K14.15; F24J5.2; Phosphate transporter PHO1 homolog 1; Protein PHO1 homolog 1; AtPHO1;H1

UniProt ID [Q93ZF5](#)

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