

Recombinant Full Length Arabidopsis Thaliana Phosphate Transporter Pho1 Homolog 6(Pho1-H6) Protein, His-Tagged

Cat. No. RFL15568AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Phosphate transporter PHO1 homolog 6(PHO1-H6) Protein (Q6R8G4) (1-756aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-756)
Form	Lyophilized powder
AA Sequence	MKFGKDFSSEWQQAYVDYKYLKTLVKDINRFKRKTNLHGGQISLSSTVLEIEDGITT TI QVSSTASQRYETTFMLTAEKGGEYELVFFRRLDDEFNKVEKFYREKVDEVVKEA AVLNKQ MDALIAFRLKMKEESTVEMARFALHGVVSPAELAKNPSMKVHMEAIEEGG SSRAGRRSDE DDYYTDEEDHNDVFFTPANNLSKMKSSSSAFIEVLDSIKINNTKEAL QSNTKSVLKVSNH TELKFSRDNLRKIEEKLICAFVEFHRKLWYLKSYSFLNLVLSKIL TKYDKITSRDAKS YMKMVDKSCLGSSDEVMLMENVEATFIKQFTNGNRTKGMNI LRPKPKRERHRLTFSTGF LGGCMFSLIVALVAIVRTRNILQDDGQKQYMNTMFPLYS LFGFIMLHMTMYAANIYFWRQ YRVNYSFIFGFKQGTGLGYKQVLFVGFSGALALLC VLANLDMETDPKTKDYQALTELLP LFLIAMFVVLVVPFNIFYRSSRFFFLTTLFHMLA APLYKVTLPDFFLADQLCSQAQTLR SIEFYICYGWDGFKQRKNTCKDSQVFNTFLF IVSAFPFFSRFLQCMRRMLEEKNIQGY NGFKYIVIVVAVCLGMAYEVDDEKDRQII

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WRLGGITSAMAVVFCTYWDLVYDWGLLNRT SKNPWLRDNLLIPHKEVYVLAMILN
VVLRFQWMTVLDFKFESIHTQTVVAVVASLEIR RGIWNFFRLENEHLNNVGKYRA
FKAVSLPFNIEVDH

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-H6

Synonyms PHO1-H6; At2g03250; T18E12.8; Phosphate transporter PHO1 homolog 6; Protein PHO1 homolog 6; AtPHO1;H6

UniProt ID [Q6R8G4](#)

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