

Recombinant Full Length Arabidopsis Thaliana Phosphate Transporter Pho1 Homolog 10(Pho1-H10) Protein, His-Tagged

Cat. No. RFL4932AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Phosphate transporter PHO1 homolog 10(PHO1-H10) Protein (Q6R8G0) (1-777aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-777)
Form	Lyophilized powder
AA Sequence	MKFGKIFKKQMVPEWVEAYVDYNGLKRVLKEIRSYKHSKLTRAASRVSSQAEALHR SFSG LSFHPRHSERAGDIEDQVIKVDTVQEEGSRKLYETKFLKKSEEGGEFEESFFK KLDENLN KVNKFYRDKVKEVIEEAALLDKQMDALIALRVKMQKPDVDNLNLEKHPSD KVVVDTSNT MRTQGTANTDMVHGIERTNIPEEEASHIMADIVPVSHNTNGDEEEASI GDKQDLREILERV KMNDVLESPITTLKGVFGDSNEPISKKGLKKGEEQLRLVFSEFY QKLRLRLKEYSFMNLLA FSKIMKKYEKIARNASRNMYMKIVDNSLIGSSDEVNRLLERV EVTFVKHFSSGNRREGMK CLRPKVKRERHRVTFSSGFFSGCSIALVIAVVFKIESRKI MEKNYGTEYMANIIPLYSLF GFILHMLMYSANIYFWKRYRVNYTFIFGFKQGTELGD REVFLVSTGLAVLAFVCFLNL QLDMDWRMKHHKTLPEVIPLCLATIVLFILFCPFNIY RSSRFFFIRSLFHCICAPLYEV TLPDFFLGDLHTSQIQAIRSFELFICYGLGEYLQRQ NKCHSHGVYNAFYFVVAVIPYWL RFLQCIRRLCEEKESVHGYNALKYMLTIIAVIVRT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AYELKKGRTWMILALVSSGVATGMN TFWDIVIDWGLLRKHSKNPYLRDKLLVPHKS
 VYFAAMVVNVILRVAWMQLVLEFNLSLH KIAVTSIISCLEIIRRGIWSSFFRLENEHLN
 NVGKYRAFKSVPHPFHYDDDDVDKDD

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-H10

Synonyms PHO1-H10; At1g69480; F10D13.13; Phosphate transporter PHO1 homolog 10; Protein PHO1 homolog 10; AtPHO1;H10

UniProt ID [Q6R8G0](https://www.uniprot.org/entry/Q6R8G0)

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