

Recombinant Full Length Arabidopsis Thaliana Probable Aquaporin Pip1-4(Pip1.4) Protein, His-Tagged

Cat. No. RFL3653AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Probable aquaporin PIP1-4(PIP1.4) Protein (Q39196) (1-287aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-287)
Form	Lyophilized powder
AA Sequence	MEGKEEDVRVGANKFPERQPIGTSAQSTDKDYKEPPPAPLFEPGELSSWSFYRAGI AEFIATFLFLYITVLTVMGVKRAPNMCASVGIQGIAWAFGGMIFALVYCTAGISGGHIN PAVTFGLFLARKLSLTRAVFYMIMQCLGAICGAGVVKGFGQTPPYQTLGGGANTVAH GYTKGSGLGAEIIGTFVLVYTVFSATDAKRSARDSHVPILAPLPIGFAVFLVHLATIPIT GTGINPARSLGAAIYNKDHSWDDHWIFWVGPFIGAALAALYHQIVIRAIPFKSKS
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.

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

Gene Name	PIP1.4
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Synonyms	PIP1.4; TMPC; At4g00430; A_IG005I10.2; F5I10.2; Probable aquaporin PIP1-4; Plasma membrane intrinsic protein 1-4; AtPIP1;4; Transmembrane protein C; TMP-C
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UniProt ID	Q39196
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