

Recombinant Full Length Zea Mays Aquaporin Pip1-3/Pip1-4(Pip1-3; Pip1-4) Protein, His-Tagged

Cat. No. RFL18507ZF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Zea mays Aquaporin PIP1-3/PIP1-4(PIP1-3; PIP1-4) Protein (Q9AQU5) (1-292aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Zea Mays
Source	E.coli
ProteinLength	Full Length (1-292)
Form	Lyophilized powder
AA Sequence	MEGKEEDVRLGANKFSERQPIGTAAQGAGAGDDDKDYKEPPPAPLFEPGELKSWS FYRAGIAEFVATFLFLYITVLTVMGVSKSTSKCATVGIQGIAWSFGGMIFALVYCTAGI SGGHINPAVTFGLFLARKLSLTRAIFYIIMQCLGAICGAGVVKGFQQGLYMGNGGGA NVVAPGYTKGDGLGAEIVGTFILVYTVFSATDAKRNARDSHVPILAPLPIGFAVFLVHL ATIPITGTGINPARSLGAIIYNRDHAWSDHWIFWVGPFIGAALAAIYHQVIIRAIPFKSR S
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

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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

PIP1-3;

Synonyms

PIP1-3; PIP1-4; Aquaporin PIP1-3/PIP1-4; Plasma membrane intrinsic protein 1-3; Plasma membrane intrinsic protein 1-4; ZmPIP1-3; ZmPIP1-4; ZmPIP1;3;4

UniProt ID

[Q9AQU5](#)

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