

# Recombinant Full Length Zea Mays Aquaporin Pip2-3(Pip2-3) Protein, His-Tagged

**Cat. No.** RFL30632ZF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Zea mays Aquaporin PIP2-3(PIP2-3) Protein (Q9ATM7) (1-289aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Zea Mays
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-289)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MAKQDIEASGPEAGEFSKDYTDPPPAPLIDADELTKWSLYRAVIAEFIATLLFLYITV ATVIGYKHQTDAAASGPDAACGGVGILGIAWAFGGMIFILVYCTAGISGGHINPAVTF GLFLARKVSLVRALLYIIAQCLGAICGVGLVKGFQSAYYVRYGGGANELSDGYSKGT GLAAEIIGTFVLVYTVFSATDPKRSARDSHVPVLAPLPIGFAVFMVHLATIPITGTGINP ARSLGAAVIYNKDKAWDDQWIFWVGPLIGAAIAAAYHQYVLRASATKLGSYRSNA
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	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

**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** PIP2-3

**Synonyms** PIP2-3; PIP2C; Aquaporin PIP2-3; Plasma membrane intrinsic protein 2-3; ZmPIP2-3; ZmPIP2;3

**UniProt ID** [Q9ATM7](#)

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