

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Probable Aquaporin Pip1-2(Pip1-2) Protein, His-Tagged

Cat. No. RFL33620OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Probable aquaporin PIP1-2(PIP1-2) Protein (Q7XSQ9) (1-288aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E.coli</i>
ProteinLength	Full Length (1-288)
Form	Lyophilized powder
AA Sequence	MEGKEEDVRLGANKFSERQPIGTAAQGSDDKDYKEPPAPLFEPGELKSWSFYRA GIAEFMATFLFLYITVLTVMGVNNSTSKCATVGIQGIAWSFGGMIFALVYCTAGISGG HINPAVTFGLFLARKLSLTRALFYMVMQCLGAICGAGVVKGFKGLYETTGGGANVV APGYTKGDGLGAEIVGTFILVYTVFSATDAKRNARDSHVPILAPLPIGFAVFLVHLATIP ITGTGINPARSLGAAIYNRGHAWDDHWIFWVGPFIGAALAAIYHQVVIRAIPFKSRS
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**

PIP1-2

Synonyms

PIP1-2; Os04g0559700; LOC_Os04g47220; OsJ_015100; OSJNBa0084K11.2; Probable aquaporin PIP1-2; OsPIP1;2; Plasma membrane intrinsic protein 1-2

UniProt ID

[Q7XSQ9](#)

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