

Recombinant Full Length Oryza Sativa Subsp. Japonica Probable Aquaporin Pip2-2(Pip2-2) Protein, His-Tagged

Cat. No. RFL30917OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica Probable aquaporin PIP2-2(PIP2-2) Protein (Q6K215) (1-288aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-288)
Form	Lyophilized powder
AA Sequence	MAKDIEASAPEGGEFSAKDYTDPPAPLIDVEELTKWSLYRAVIAEFIATLLFLYITVAT VIGYKHQSDATVNTTDAACSGVGILGIAWAFGGMIFILVYCTAGISGGHINPAVTFGLF LARKVSLIRAVLYIIAQCLGAICGVGLVKGFQSSYYARYGGGANELSDGYSKGTGLG AEIIGTFVLVYTVFSATDPKRNARDSHIPVLAPLPIGFAVFMVHLATIPITGTGINPARSL GTAVIYNKDKAWDDQWIFWVGPLIGAAIAAAHYHQYVLRASAAKLGSYRSNA
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

PIP2-2

Synonyms

PIP2-2; Os02g0629200; LOC_Os02g41860; B1469H02.22-1; Probable aquaporin
PIP2-2; OsPIP2;2; Plasma membrane intrinsic protein 2-2

UniProt ID

[Q6K215](#)

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