Recombinant Full Length Oryza Sativa Subsp. Japonica Probable Aquaporin Pip2-7(Pip2-7) Protein, His-Tagged

Cat. No. RFL26041OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica Probable aquaporin PIP2-7(PIP2-7) Protein (Q651D5) (1-290aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-290)
Form	Lyophilized powder
AA Sequence	MASKEEVAVETVEGGAAAAKAPYWDPPPAPLLDTSELGKWSLYRALIAEFMATLIFL YVSIATVIGYKNQRATVDACTGVGYLGVAWSFGATIFVLVYCTGGVSGGHINPAVTL GLFFGRKLSLVRTVLYVVAQCLGAIAGAGIVKGIMKRPYDALGGGANTVSDGYSAAG ALGAEIVGTFILVYTVFSATDPKRTARDSFIPVLVPLPIGFAVFVVHLATIPITGTGINPA RSLGAAVLYNQHAAWKDHWIFWVGPVIGAFLAAAYHKLVLRGEAAKALSSFRSTSV TA
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.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid 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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	PIP2-7
Synonyms	PIP2-7; Os09g0541000; LOC_Os09g36930; B1274F11.29-1; B1274F11.29-2; P0478E02.3; Probable aquaporin PIP2-7; OsPIP2;7; Plasma membrane intrinsic protein 2-7
UniProt ID	Q651D5

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