Recombinant Full Length Oryza Sativa Subsp. Japonica Probable Aquaporin Tip4-1(Tip4-1) Protein, His-Tagged

Cat. No. RFL131OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica Probable aquaporin TIP4-1(TIP4-1) Protein (Q75GA5) (1-251aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-251)
Form	Lyophilized powder
AA Sequence	MAKEVDPCDHGEVVDAGCVRAVLAELVLTFVFVFTGVAATMAAGVPEVAGAAMPM AALAGVAIATALAAGVLVTAGFHVSGGHLNPAVTVALLARGHITAFRSALYVAAQLLA SSLACILLRYLTGGMATPVHTLGSGIGPMQGLVMEIILTFSLLFVVYATILDPRSSVPG FGPLLTGLIVGANTIAGGNFSGASMNPARSFGPALATGVWTHHWIYWLGPLIGGPLA GLVYESLFLVKRTHEPLLDNSF
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	TIP4-1
Synonyms	TIP4-1; Os05g0231700; LOC_Os05g14240; OsJ_016926; OSJNBa0042F15.10; Probable aquaporin TIP4-1; Tonoplast intrinsic protein 4-1; OsTIP4;1
UniProt ID	Q75GA5

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