

Recombinant Full Length *Oryza Sativa* Subsp. Japonica Probable Aquaporin Tip2-1(Tip2-1) Protein, His-Tagged

Cat. No. RFL30489OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Probable aquaporin TIP2-1(TIP2-1) Protein (Q7XA61) (1-248aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-248)
Form	Lyophilized powder
AA Sequence	MVKLAFGSLGDSFSATSVKAYVAEFATLLFVFAGVGSIAIYGQLTNGGALDPAGLVA IAIAHALALFVGVSVAANISGGHLNPAVTFGLAVGGHITLTGLFYWIAQLLGASIACLLL KFVTHGKAIPTHGVAGISELEGVMEIVITFALVYTVYATAADPKKGS LGTIAPIAIGFIV GANILAAGPFSGGSMNPARSFGPAVAAGNFAGNWVYVWGPLIGGGLAGLVYGDVFI GSYQPVADQDYA
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 multiple use. Avoid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

TIP2-1

Synonyms

TIP2-1; TIP2; W950ERIPDM; Os02g0658100; LOC_Os02g44080; OJ1112_F09.18; OsJ_007553; P0519E06.48; Probable aquaporin TIP2-1; Tonoplast intrinsic protein 2-1; OsTIP2;1

UniProt ID

[Q7XA61](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA