

Recombinant Full Length *Oryza Sativa* Subsp. Japonica Aquaporin Nip3-3(Nip3-3) Protein, His-Tagged

Cat. No. RFL6147OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Aquaporin NIP3-3(NIP3-3) Protein (Q84S07) (1-278aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-278)
Form	Lyophilized powder
AA Sequence	MEGHKSGMEAVAVAIPPLHTGESNHRIDSNVSSQCHADPAELSDETQQQSLWHLGLRKIIPSSVPLLKKVSAEFFGTFLIFTVLSTIIMDEQHKSIETLLGIATSAGLAVTVLVLSLIHISGCHLNPAISIAMAVFGHLPSAHLPPYISSQILGAVAASFAVKGLYHPVNP GIVTVP NVGTVEAFFVEFIITFFLLFIITALATDPNAVKEIAVAVGATVMMNILVAGPSTGASMN PARTIGAAIATGRYTQIWVYLVATPLGAIAGTGAYVAIKL
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 repeated freeze-thaw cycles.

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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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.
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GENE INFORMATION

Gene Name	NIP3-3
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Synonyms	NIP3-3; Os08g0152100; LOC_Os08g05600; OJ1349_D05.110; OsJ_025008; Aquaporin NIP3-3; NOD26-like intrinsic protein 3-3; OsNIP3;3
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UniProt ID	Q84S07
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