

Recombinant Full Length Arabidopsis Thaliana Probable Aquaporin Nip4-2(Nip4-2) Protein, His-Tagged

Cat. No. RFL36219AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Probable aquaporin NIP4-2(NIP4-2) Protein (Q8W036) (1-283aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-283)
Form	Lyophilized powder
AA Sequence	MTSHGEEIEDEQISRIEKGNCCKDSQGGMETAICSSPSIVCLTQKLIAMIGTYFIIFSGC GVVVNVLYGGTITFPGICVTWGLIVMVMISTGHISGAHFNPVTVTFVFRFPWY QVPLYIGAQLTGSLASLTRLMFNVTPKAFFGTTPTDSSGQALVAEIIISFLLMFVISG VATDSRATGELAGIAVGMTIILNVFVAGPISGASMNPARSLGPAIVMGTRYKGIWVYIV GPFVGIFAGGFVYNFMRFTDKPLRELTKSASFLRSVAQKDNASKSDG
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 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.

GENE INFORMATION**Gene Name**

NIP4-2

Synonyms

NIP4-2; NLM5; At5g37820; K22F20.60; Probable aquaporin NIP4-2; NOD26-like intrinsic protein 4-2; AtNIP4;2; Nodulin-26-like major intrinsic protein 5; NodLikeMip5; Protein NLM5

UniProt ID[Q8W036](#)

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