

Aquaporin NIP1-4 (NIP1-4), Recombinant Protein

Cat *RP13628*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Aquaporin NIP1-4 (NIP1-4), partial

Product Gene Name

NIP1-4 recombinant protein

Product Synonym Gene Name

NIP1-4

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

28,402 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Aquaporin

NCBI Accession

XP_015642749.1

NCBI GI

1002276809

NCBI GenBank Nucleotide

XM_015787263.1

NCBI GeneID

107276403

NCBI Official Full Name

aquaporin NIP1-4

NCBI Official Symbol

LOC107276403

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Aquaporin NIP1-4 (NIP1-4), Recombinant Protein

Cat *RP13628*

NIP1-4

NCBI Protein Information

aquaporin NIP1-4

UniProt Gene Name

NIP1-4

UniProt Protein Name

Aquaporin NIP1-4

UniProt Synonym Protein Names

NOD26-like intrinsic protein 1-4; OsNIP1;4

UniProt Primary Accession

Q5Z9E2

UniProt Secondary Accession

A0A0P0WY81

UniProt Related Accession

Q5Z9E2

UniProt Comments

Aquaporins facilitate the transport of water and small neutral solutes across cell membranes.

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