

Aquaporin NIP2-3 (NIP2-3), Recombinant Protein

Cat *RP10747*

Species

Zea mays (Maize)

Full Product Name

Recombinant Zea mays Aquaporin NIP2-3 (NIP2-3), partial

Product Gene Name

NIP2-3 recombinant protein

Product Synonym Gene Name

NIP2-3

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

31,653 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

NP_001105517.1

NCBI GI

162460002

NCBI GenBank Nucleotide

NM_001112047.2

NCBI GeneID

542497

NCBI Official Full Name

aquaporin NIP2-3

NCBI Official Symbol

NIP2-3

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Aquaporin NIP2-3 (NIP2-3), Recombinant Protein

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Lsi6; ZmNIP2-3; ZmNIP2;3; GRMZM2G081239

NCBI Protein Information

aquaporin NIP2-3

UniProt Gene Name

NIP2-3

UniProt Protein Name

Aquaporin NIP2-3

UniProt Synonym Protein Names

NOD26-like intrinsic protein 2-3; ZmNIP2-3; ZmNIP2;3

UniProt Primary Accession

Q9AT74

UniProt Related Accession

Q9AT74

UniProt Comments

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

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