

Probable aquaporin TIP3-1 (TIP3-1), Recombinant Protein

Cat *RP13652*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Probable aquaporin TIP3-1 (TIP3-1), partial

Product Gene Name

TIP3-1 recombinant protein

Product Synonym Gene Name

TIP3-1

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

27,514 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

Probable aquaporin

NCBI Accession

XP_015614155.1

NCBI GI

1002301461

NCBI GenBank Nucleotide

XM_015758669.1

NCBI GeneID

4348981

NCBI Official Full Name

probable aquaporin TIP3-1

NCBI Official Symbol

LOC4348981

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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TIP3; OsTIP3; TIP3-1; OsJ_030736

NCBI Protein Information

probable aquaporin TIP3-1

UniProt Gene Name

TIP3-1

UniProt Synonym Gene Names

TIP3; OsTIP3;1

UniProt Protein Name

Probable aquaporin TIP3-1

UniProt Synonym Protein Names

Tonoplast intrinsic protein 3-1; OsTIP3;1

UniProt Primary Accession

Q9FWV6

UniProt Secondary Accession

Q0IWR8; Q7X6Y1; A3C614; B7F4D9

UniProt Related Accession

Q9FWV6

UniProt Comments

Aquaporins facilitate the transport of water and small neutral solutes across cell membranes. May be involved in transport from the vacuolar compartment to the cytoplasm .

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