

Sucrose transport protein SUT4 (SUT4), Recombinant Protein

Cat *RP12253*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Sucrose transport protein SUT4 (SUT4), partial

Product Gene Name

SUT4 recombinant protein

Product Synonym Gene Name

SUT4

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

63,484 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

Sucrose transport protein

NCBI Accession

XP_015625556.1

NCBI GI

1002242659

NCBI GenBank Nucleotide

XM_015770070.1

NCBI GeneID

4331221

NCBI Official Full Name

sucrose transport protein SUT4 isoform X1

NCBI Official Symbol

LOC4331221

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Sucrose transport protein SUT4 (SUT4), Recombinant Protein

Cat *RP12253*

SUT2; SUT4; OsSUT4; OsJ_08963

NCBI Protein Information

sucrose transport protein SUT4

UniProt Gene Name

SUT4

UniProt Synonym Gene Names

SUT2; OsSUT4

UniProt Protein Name

Sucrose transport protein SUT4

UniProt Synonym Protein Names

Sucrose permease 4; Sucrose transporter 4; OsSUT4; Sucrose-proton symporter 4

UniProt Primary Accession

Q6YK44

UniProt Secondary Accession

Q84KR4

UniProt Related Accession

Q6YK44

UniProt Comments

Responsible for the transport of sucrose into the cell, with the concomitant uptake of protons (symport system). May also transport other glucosides .

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