

Bidirectional sugar transporter SWEET1b (SWEET1B), Recombinant Protein

Cat *RP13726*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Bidirectional sugar transporter SWEET1b (SWEET1B), partial

Product Gene Name

SWEET1B recombinant protein

Product Synonym Gene Name

SWEET1B

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

27,622 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

Bidirectional sugar transporter

NCBI Accession

XP_015639256.1

NCBI GI

1002269828

NCBI GenBank Nucleotide

XM_015783770.1

NCBI GeneID

4338851

NCBI Official Full Name

bidirectional sugar transporter SWEET1b

NCBI Official Symbol

LOC4338851

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Bidirectional sugar transporter SWEET1b (SWEET1B), Recombinant Protein

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NCBI Official Synonym Symbols

SWEET1B; OsJ_18606; OsSWEET1b

NCBI Protein Information

bidirectional sugar transporter SWEET1b

UniProt Gene Name

SWEET1B

UniProt Synonym Gene Names

OsSWEET1b

UniProt Protein Name

Bidirectional sugar transporter SWEET1b

UniProt Primary Accession

Q60EC2

UniProt Secondary Accession

A0A0P0WMM5

UniProt Related Accession

Q60EC2

UniProt Comments

Mediates both low-affinity uptake and efflux of sugar across the plasma membrane.

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