

Bidirectional sugar transporter SWEET7b (SWEET7B), Recombinant Protein

Cat *RP13733*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Bidirectional sugar transporter SWEET7b (SWEET7B)

Product Gene Name

SWEET7B recombinant protein

Purity

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

Sequence

MVSPDLIRNM VGIVGNIISF GLFLSPVPTF YRIIKNKDVQ DFKADPYLAT LLNCMLWVFY GLPIVHPNSI
LVVTINGIGL VIEAVYLTIF FLFSDKKNKK KMGVVLATEA LFMAAVVLGV LLGAHTRRR SLIVGILCVI
FGTIMYSSPL TIMSQVVKTK SVEYMPLLLS VVSFLNGLCW TSYALIRLDI FITIPNGLGV LFALMQLILY
AIYYRTIPKK QDKNLELPTV APVAKDTSIV TPVSKDDDDVD GGNASHVTIN ITIEL

Sequence Positions

1-265aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

29,256 Da

Storage

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

Protein Family

Bidirectional sugar transporter

NCBI Accession

XP_015611083.1

NCBI GI

1002295302

NCBI GenBank Nucleotide

XM_015755597.1

NCBI GeneID

4346541

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP13733*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

NCBI Official Full Name

LOW QUALITY PROTEIN: bidirectional sugar transporter SWEET7b-like

NCBI Official Symbol

LOC4346541

NCBI Protein Information

bidirectional sugar transporter SWEET7b-like

UniProt Gene Name

SWEET7B

UniProt Synonym Gene Names

OsSWEET7b

UniProt Protein Name

Bidirectional sugar transporter SWEET7b

UniProt Entry Name

SWT7B_ORYSJ

UniProt Primary Accession

Q0J349

UniProt Comments

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

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