

Bidirectional sugar transporter SWEET7c (SWEET7C), Recombinant Protein

Cat *RP13757*

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 SWEET7c (SWEET7C)

Product Gene Name

SWEET7C recombinant protein

Purity

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

Sequence

MVSPDLIRNV VGIVGNVISF GLFLSPVPIF WRIIKNKNVQ NFKADPILVV TINGISLVIE AVYLTIFFLF
SDKKNKKKMG VVLATEALFM AAVAVGVLLG AHTHQRRSLI VGILCVIFGT IMYSSPLTIM VVKTKSVEYM
PLLSVVSFL NGLCWTLYAL IRFDIFITIP NGLGVLFAM QLILYAIYYR TTPKKQDKNL ELPTVAPIAK
DTSIVAPVSN DDDVNGSTAS HATINITIEP

Sequence Positions

1-240aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

26,358 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_015619157.1

NCBI GI

1002311599

NCBI GenBank Nucleotide

XM_015763671.1

NCBI GeneID

107276631

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP13757*

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

NCBI Official Full Name

bidirectional sugar transporter SWEET7c

NCBI Official Symbol

LOC107276631

NCBI Protein Information

bidirectional sugar transporter SWEET7c; Os12g0178500

UniProt Gene Name

SWEET7C

UniProt Synonym Gene Names

OsSWEET7c

UniProt Protein Name

Bidirectional sugar transporter SWEET7c

UniProt Entry Name

SWT7C_ORYSJ

UniProt Primary Accession

Q2QWX8

UniProt Comments

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

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