

Bidirectional sugar transporter SWEET6b (SWEET6B), Recombinant Protein

Cat *RP13728*

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

Species

Oryza sativa subsp. *indica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *indica* Bidirectional sugar transporter SWEET6b (SWEET6B)

Product Gene Name

SWEET6B recombinant protein

Purity

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

Sequence

MISPDAARNV VGIIGNVISF GLFLAPVPTF WRICKRKDVE EFKADPYLAT LLNCMLWVFY GIPIVHPNSI
LVVTINGIGL VVEGTYLFIF FLYSPNKKRL RMLAVLGVEL VFMLAVILGV LLGAHCHKKR SMIVGILCVF
FGSIMYFSP LTIMGKVIKTK SVEYMPFFLS LVCFLNGVCW TAYALIRFDI YVTIPNSLGA IFGAIQLILY
ACYRRTTPKK TKAAKDVEMP SVISGPGAAA TASGGSVVSV TVER

Sequence Positions

1-254aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

27,927 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

A2WSD3.1

NCBI GI

322967624

NCBI Official Full Name

Bidirectional sugar transporter SWEET6b

UniProt Gene Name

SWEET6B

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Bidirectional sugar transporter SWEET6b (SWEET6B), Recombinant Protein

Cat *RP13728*

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

UniProt Synonym Gene Names

OsSWEET6b

UniProt Protein Name

Bidirectional sugar transporter SWEET6b

UniProt Entry Name

SWT6B_ORYSI

UniProt Primary Accession

A2WSD3

UniProt Comments

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

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