

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Bidirectional Sugar Transporter Sweet16(Sweet16) Protein, His-Tagged

Cat. No. RFL31360OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Bidirectional sugar transporter SWEET16(SWEET16) Protein (Q10LN5) (1-328aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E.coli</i>
ProteinLength	Full Length (1-328)
Form	Lyophilized powder
AA Sequence	MADPSFFVGIVGNVISILVFASPIATFRRIVRSKSTEEFRWLPYVTLLSTSLWTFYGL H KPGGLLIVTVNGSGAALEAIYVTLYLAYAPRETKAKMKVVLAVNVGALAAVVAVA LVAL HGGVRLFVVGVLCAALTIGMYAAPMAAMRTVVKTRSVEYMPFSLSFLLFLNG GVWSVYSL LVKDYFIGIPNAIGFALGTAQLALY MAYRRTKKPAGKGGDDDEDDEEA QGVARLMGHQVE MAQQRRDQQLRKGLSLSLPKPAAPLHGGGLDRIIKSFSTTPIELH SILHQHHGGHHHHHRF DTPVDDDDEAVAAGGTPATTAGPGDRH
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	SWEET16
Synonyms	SWEET16; Os03g0341300; LOC_Os03g22200; OsJ_10795; Bidirectional sugar transporter SWEET16; OsSWEET16
UniProt ID	Q10LN5

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