

Recombinant Full Length *Xenopus laevis* Sugar Transporter Sweet1(Slc50A1) Protein, His-Tagged

Cat. No. RFL29749XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus laevis</i> Sugar transporter SWEET1(slc50a1) Protein (Q6NTJ7) (1-216aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus laevis</i>
Source	<i>E. coli</i>
ProteinLength	Full Length (1-216)
Form	Lyophilized powder
AA Sequence	MDWMWLLSGACIVFTLGMFSSGLSDLRVMVAQRSVENIQYLPFLTDDLNNLGWFYY GYLK GDGTLMIVNVIGASLQSLYMGAYLLYSPERRYVGSQVLVSLGVLLLGICYFTL WILDLNS RLNQLGLFCSVFTISMYLSPLADLAQIIRSKSTKCLSFPLTVATFLTSSSWV LYGLVQSD LYITVPNFPGIVTSLVRFWLFSSQFPDPPTYRLLQA
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.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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**

slc50a1

Synonyms

slc50a1; Sugar transporter SWEET1; Solute carrier family 50 member 1

UniProt ID

Q6NTJ7

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