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

Cat. No. RFL13756XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Xenopus tropicalis Sugar transporter SWEET1(slc50a1) Protein (Q5EAL3) (1-214aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
Source	E.coli
ProteinLength	Full Length (1-214)
Form	Lyophilized powder
AA Sequence	MDWMWLLSGACIVFTLGMFSSGLSDLRVMVAKRSVENIQFLPFLTTDLNNLGWFYY GYLK GDGTLIIVNLIGASLQTLYMAAYILYSLERRYVVSQVLVSLGVLFLAHCYFTLWT PDINS RLNQLGLFCSIFTISMYLSPLADLAQIIKSKSTKCLSFPLTVATFLTSTSWVLYG WVQSD LYITVPNFPGIVTSLLRFWLFSRYPPDQPAYSLL
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
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℃/-80℃. 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	Q5EAL3

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