# Recombinant Full Length Dictyostelium Discoideum Sugar Transporter Sweet1(Slc50A1) Protein, His-Tagged

**Cat. No.** RFL26624DF **Lot. No.** (See product label)

## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Recombinant Full Length Dictyostelium discoideum Sugar transporter SWEET1(slc50a1) Protein (Q54JW5) (1-220aa), fused to N-terminal His tag, was expressed in E. coli. |
| **Species** | Dictyostelium Discoideum |
| **Source** | E.coli |
| **ProteinLength** | Full Length (1-220) |
| **Form** | Lyophilized powder |
| **AA Sequence** | MEDEKNENLMTFIQFCATFITITLFIMPLKTIRLIIEKKNVGTVAGLQFISSVLNCFLWI S YALLTSNTTMLFVNSIGMMFSIYYVFNYWKNINQVRASRDYLKKVMIACVLAITIISIS Y YNTVDDLDTRISRLGFLSSVVCVLMFASPLEKMAIVIQSKNSEGMIINVAILSLLCGLS WTIFGLLLNDIYIYLPNILASILSFVQLTLIKLYPPQILL |
| **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. |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| **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; DDB_G0287763; Sugar transporter SWEET1 |
| **UniProt ID** | Q54JW5 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA