

## Recombinant Full Length Rat Ileal Sodium/Bile Acid Cotransporter(Slc10A2) Protein, His-Tagged

**Cat. No.** RFL911RF    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Rat Ileal sodium/bile acid cotransporter(Slc10a2) Protein (Q62633) (1-348aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-348)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MDNSSVCSPNATFCEGDSCLVTESNFNAILSTVMSTVL TILLAMVMFSMGCNVEINK FLG HIKRPWGIFVGFCLCQFGIMPLTGFILSVASGILPVQAVVVLIMGCCPGGTGSNILA YWID GDMDLSVSM TTCSTLLALGMMPLCLFIYTKMWVDSGTIVIPYDSIGISLVALVIP VSIGM FVNHKWPQKAKIILKIGSIAGAILIVLIAVVGILYQSAWIIEPKLWIIGTIFPIAGY SL GFFLARLAGQPWYRCRTVALETGMQNTQLCSTIVQLSFSPEDLNLVFTFPLIYTV FQLVF AA IILGMYV TYKKCHGKND AEFLEKTDNDMDPMP SFQETNKG FQPDEK
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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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**

Slc10a2

**Synonyms**

Slc10a2; Ntcp2; Ileal sodium/bile acid cotransporter; Apical sodium-dependent bile acid transporter; ASBT; Ileal Na(+)/bile acid cotransporter; Ileal sodium-dependent bile acid transporter; IBAT; ISBT; Na(+)-dependent ileal bile acid transporter; Sodium/tau

**UniProt ID**

[Q62633](#)

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