

## Recombinant Full Length Rat Sodium/Bile Acid Cotransporter(Slc10A1) Protein, His-Tagged

Cat. No. RFL25894RF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Rat Sodium/bile acid cotransporter(Slc10a1) Protein (P26435) (1-362aa), 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 (1-362)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MEVHNVSAPFNFSLPPGFGHRATDKALSIIILVLMLLIMLSLGCTMEFSKIKAHLWKP KG VIVALVAQFGIMPLAAFLLGKIFHLSNIEALAILICGCSPGGNLSNLFTLAMKGMN LSI VMTTCSSFSALGMMPLLLYVYSKGIYDGDLDKDKVPYKGMISLVIVLIPCTIGIVLK SKR PHYVPYILKGGMIITFLLSVAVTALSVINVGNSIMFVMTPHLLATSSLMPFSGFLM GYIL SALFQLNPSCRRTISMETGFQNIQLCSTILNVTFPPEVIGPLFFFPLLYMIFQLAE GLLI IIIFRCYEKIKPPKDQTKITYKAAATEDATPAALEKGTHTNGNIPPLQPGPSPNGLN SGQM AN
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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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.

**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**

Slc10a1

**Synonyms**

Slc10a1; Ntcp; Sodium/bile acid cotransporter; Na(+)/bile acid cotransporter; Na(+)/taurocholate transport protein; Sodium/taurocholate cotransporting polypeptide; Solute carrier family 10 member 1

**UniProt ID**

[P26435](https://www.uniprot.org/entry/P26435)

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