

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

**Cat. No.** RFL30289MF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Mouse Ileal sodium/bile acid cotransporter(Slc10a2) Protein (P70172) (1-348aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Mus musculus
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-348)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MDNSSVCPNATVCEGDSCVVPESNFNAILNTVMSTVLTILLAMVMFSMGCNVEVH KFLG HIKRPWGIFVGFCLCQFGIMPLTGFILSVASGILPVQAVVVLIMGCCPGGTGSNIL AYWID GDMDLSVSM TTCSTLLALGMMPLCLFVYTKMWVDSGTIVIPYDSIGISLVALV IPVSFGM FVNHKWPQKAKIILKIGSITGVILIVLIAVIGGILYQSAWIIPEKLWIIGTIFPIAG YSL GFFLARLAGQPWYRCRTVALETGMQNTQLCSTIVQLSFSPEDLNLVFTFPLIYT VFQLVF AAVILGIYV TYRKCYGKND AEFLEKTDNEMDSRPSFDET NKGFPDEK
<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 for up to one week.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**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** 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** [P70172](#)

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