

## Recombinant Mouse Slc10a1 Protein, Myc/DDK-tagged

Cat. No. Slc10a1-5902M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length solute carrier family 10 (sodium/bile acid cotransporter family), member 1 (Slc10a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	The hepatic sodium/bile acid uptake system exhibits broad substrate specificity and transports various non-bile acid organic compounds as well. It is strictly dependent on the extracellular presence of sodium.
<b>Molecular Mass</b>	39.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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



## GENE INFORMATION

<b>Gene Name</b>	Slc10a1 solute carrier family 10 (sodium/bile acid cotransporter family), member 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Slc10a1
<b>Synonyms</b>	Slc10a1; solute carrier family 10 (sodium/bile acid cotransporter family), member 1; Nt; Ntcp; sodium/bile acid cotransporter; Na(+)/bile acid cotransporter; Na(+)/taurocholate transport protein; bile acid cotransporting polypeptide; sodium bile acid cotransporting polypeptide; sodium-taurocholate cotransporting polypeptide
<b>Gene ID</b>	20493
<b>mRNA Refseq</b>	NM_001177561
<b>Protein Refseq</b>	NP_001171032
<b>UniProt ID</b>	O08705

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