

## 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 [ <i>Mus musculus</i> (house mouse) ]                                                                                                                                                                                                              |
| <b>Official Symbol</b> | <a href="#">Slc10a1</a>                                                                                                                                                                                                                                                                                                               |
| <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>         | <a href="#">20493</a>                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | <a href="#">NM_001177561</a>                                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | <a href="#">NP_001171032</a>                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | <a href="#">O08705</a>                                                                                                                                                                                                                                                                                                                |

 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