

## Recombinant Human SLC10A1 Protein

Cat. No. SLC10A1-680H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SLC10A1 Full-Length ORF Protein is produced by Wheat Germ (in vitro) expression system.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	Sodium/bile acid cotransporters are integral membrane glycoproteins that participate in the enterohepatic circulation of bile acids. Two homologous transporters are involved in the reabsorption of bile acids, one absorbing from the intestinal lumen, the bile duct, and the kidney with an apical localization (SLC10A2; MIM 601295), and the other being found in the basolateral membranes of hepatocytes (SLC10A1).
<b>Form</b>	Liquid, 25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>Molecular Mass</b>	38.4 kDa
<b>AA Sequence</b>	MEAHNASAPFNFTLPPNFGKRPTDLALSVILVFMLFFIMLSLGCTMEFSKIKAHLWKP KGLAIALVAQYGIMPLTAFVLGKVFRLKNIERALILVCGCSPGGNLSNVFSLAMKGD NLSIVMTTCSTFCALGMMPLLLYIYSRGIYDGLDKDKVPYKGIVISLVLVLIPTIGIVLK SKRPQYMRYVIKGGMIILLCSVAVTVLSAINVGKSIMFAMTPLLIATSSLMPIGIFLLG YVLSALFCLNGRCRRTVSMETGCQNVQLCSTILNVAFPPEVIGPLFFFPLLYMIFQLG EGLLLIAIFWCYEKFKTPKDKTKMIYTAATTEETIPGALGNGTYKGEDCSPCTA
<b>Applications</b>	Antibody Production

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<b>Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Notes</b>	Best use within three months from the date of receipt of this protein
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	SLC10A1 solute carrier family 10 (sodium/bile acid cotransporter family), member 1 [ Homo sapiens ]
<b>Official Symbol</b>	SLC10A1
<b>Synonyms</b>	SLC10A1; NTCP;
<b>Gene ID</b>	6554
<b>mRNA Refseq</b>	NM_003049
<b>Protein Refseq</b>	NP_003040
<b>MIM</b>	182396
<b>UniProt ID</b>	Q14973

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