

Recombinant Human SLC10A1 Protein

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

SPECIFICATION

Product Overview	Recombinant Human SLC10A1 Full-Length ORF Protein is produced by Wheat Germ (in vitro) expression system.
Species	Human
Source	Wheat Germ
Description	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).
Form	Liquid, 25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Molecular Mass	38.4 kDa
AA Sequence	MEAHNASAPFNFTLPPNFGKRPTDLALSVILVFMLFFIMLSLGCTMEFSKIKAHLWKP KGLAIALVAQYGIMPLTAFVLGKVFRLKNIEALAILVCGCSPGGNLSNVFSLAMKGDM NLSIVMTTCSTFCALGMMPLLLYIYSRGIYDGLKDKVPYKGIVISLVLVLIPCTIGIVLK SKRPQYMRYVIKGGMIILLCSVAVTVLSAINVGKSIMFAMTPLLIATSSLMPFIGFLLG YVLSALFCLNGRCRRTVSMETGCQNVQLCSTILNVAFPPEVIGPLFFFPLLYMIFQLG EGLLLIAIFWCYEKFKTPKDKTKMIYTAATTEETIPGALGNGTYKGEDCSPCTA
Applications	Antibody Production

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

GENE INFORMATION

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

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