

Proteoliposomes

Full-Length

SLC10A1 (Human) Recombinant Protein

Catalog # H00006554-G01

Size 10 ug

Specification

Product Description	Human SLC10A1 full-length ORF (ADR82943.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MEAHNASAPFNFTLPPNFGKRPTDLALSVILVFMLFFIMLSLGCTMEFSKIKAHLWPKGLAIALVA QYGIMPLTAFVLGKVFRKLNIEALAILVCGCSPGGNLSNVFSLAMKGDMNLSVMTTCSTFCALGM MPLLLYYSRGYDGLKDKVPYKGMISLVLVLPCTIGVLKSKRPQYMRVYIKGGMIILLCVAVTVL SAINVGKSIMFAMTPLLIATSSLMPFIGFLLGYVLSALFCLNGRCRRTVSMETGCQNVQLCSTILNVA FPPEVIGPLFFFPLLYMIFQLGEGLLLIAIFWCYEKFKTPKDKTKMIYTAATTEETIPGALGNGTYKGE DCSPCTA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.4
Interspecies Antigen Sequence	Mouse (78); Rat (79)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — SLC10A1

Entrez GeneID	6554
GeneBank Accession#	HQ258189.1
Protein Accession#	ADR82943.1
Gene Name	SLC10A1
Gene Alias	NTCP, NTCP1
Gene Description	solute carrier family 10 (sodium/bile acid cotransporter family), member 1
Omim ID	182396
Gene Ontology	Hyperlink
Gene Summary	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).[supplied by OMIM]
Other Designations	growth-inhibiting protein 29 sodium-dependent taurocholate cotransporter sodium/bile acid cotransporter

Disease

- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Hyperparathyroidism](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)