PRODUCT INFORMATION

Tag	N-Flag, C-12×His Tag
Expression Host	E.coli
Target	SLC10A1
Description	Rat SLC10A1 cell-free full length protein-Detergent
Synonyms	FHCA2; NTCP
Uniprot ID	P26435
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	N/A
Molecular Weight	The rat SLC10A1 cell-free full length protein-Detergent has a MW of 42.1kDa
Delivery	1 week
Formulation & Reconstitution	Liquid, 1xPBS, 0.05%Brij35, pH7.4
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Storage&Shipping	Store at -80℃, Ship on dry ice.
Purity	>80%
Background	The protein encoded by this gene belongs to the sodium/bile acid cotransporter family, which are integral membrane glycoproteins that participate in the enterohepatic circulation of bile acids. Two homologous transporters are involved in the reabsorption of bile acids; the ileal sodium/bile acid cotransporter with an apical cell localization that absorbs bile acids from the intestinal lumen, bile duct and kidney, and the liver-specific sodium/bile acid cotransporter, represented by this protein, that is found in the basolateral membranes of hepatocytes. Bile acids are the catabolic product of cholesterol metabolism, hence this protein is important for cholesterol homeostasis. [provided by RefSeq, Oct 2011]
Usage	Research use only
Conjugate	Unconjugated

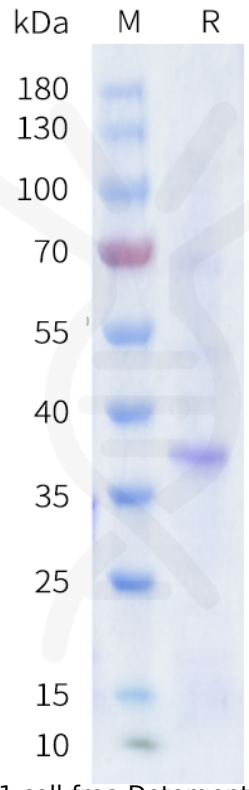

Figure 1. Rat SLC10A1 cell-free-Detergent,N-Flag, C-12×His Tag on SDS-PAGE.