

Recombinant Human SLC10A2 Protein

Cat. No. SLC10A2-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human SLC10A2 full-length ORF (ADR82931.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	This gene encodes a sodium/bile acid cotransporter. This transporter is the primary mechanism for uptake of intestinal bile acids by apical cells in the distal ileum. Bile acids are the catabolic product of cholesterol metabolism, so this protein is also critical for cholesterol homeostasis. Mutations in this gene cause primary bile acid malabsorption (PBAM); mutations in this gene may also be associated with other diseases of the liver and intestines, such as familial hypertriglyceridemia (FHTG).
Form	Liquid
Molecular Mass	38.3kDa
AA Sequence	MNDPNSCVDNATVCSGASCVVPESNFNILSVVLSTVLITLLALVMFSMGCNVEIKKF LGHKRPWGICVGFQCQFGIMPLTGFISSVAFDILPLQAVVLIIGCCPGGTASNILAYW VDGMDLSVSMTCSTLLALGMMPLCLLIYTKMWVDSGSIVIPYDNIGTSLVALVVPV SIGMFVNHKWPQKAKIILKIGSIAGAILIVLIAVVGGILYQSAWIIAPKLWIIGTIFPVAGYS LGFLARIAGLPWYRCRTVAFETGMQNTQLCSTIVQLSFTPEELNVVFTFPLIYSIFQL AFAAIFLGFYVAYKKCHGKNKAEIPESKENGTEPESSFYKANGGFQPDEK
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°C. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Preparation	in vitro wheat germ expression system with proprietary liposome technology

GENE INFORMATION

Gene Name	SLC10A2 solute carrier family 10 member 2 [Homo sapiens (human)]
Official Symbol	SLC10A2
Synonyms	ASBT,ISBT,NTCP2
Gene ID	6555
mRNA Refseq	NM_000452.3
Protein Refseq	NP_000443.2
UniProt ID	Q12908

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