

Product datasheet for **TP505550**

Slc10a1 (NM_001177561) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse solute carrier family 10 (sodium/bile acid cotransporter family), member 1 (Slc10a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205550 protein sequence Red=Cloning site Green=Tags(s)
	<p>MEAHNVSAPFNFSLPPGFGHRATDTALSIVLWMLLLIMLSLGCTMEFSKIKAHFWKPKGVIIAIVAQYG IMPLSAFLLGKVFHLTSIEALAILICGSPGGNLSNLFLLAMKGDMLNSIVMTTCCSFTALGMMPLLLYI YSKGIYDGDLDKDKVPYKGIIMLSLVMVLIPCAIGIFLKSRRPHYVYPVLKAGMIITFSLVAVTVLSVINV GNSIMFVMTPHLLATSSLMPFTGFLMGYILSALFRLNPSCRRTISMETGFQNVQLCSTILNVTFFPEVIG PLFFFPLLYMIFQLAEGLLFIIIFRCYLKIKPQKDQTKITYKAAATEDATPAALEKGTHTNGNPPPTQPGL SPNGLNSGQMAN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	39.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001171032
Locus ID:	20493



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UniProt ID: [O08705](#)

RefSeq Size: 1674

Cytogenetics: 12 37.21 cM

RefSeq ORF: 1089

Synonyms: Ntcp

Summary: The hepatic sodium/bile acid uptake system exhibits broad substrate specificity and transports various non-bile acid organic compounds as well. It is strictly dependent on the extracellular presence of sodium.[UniProtKB/Swiss-Prot Function]