

Specifications:

Gene:	<i>hSLC5A1</i>
Accession:	NP_000334
Insert size:	2008bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

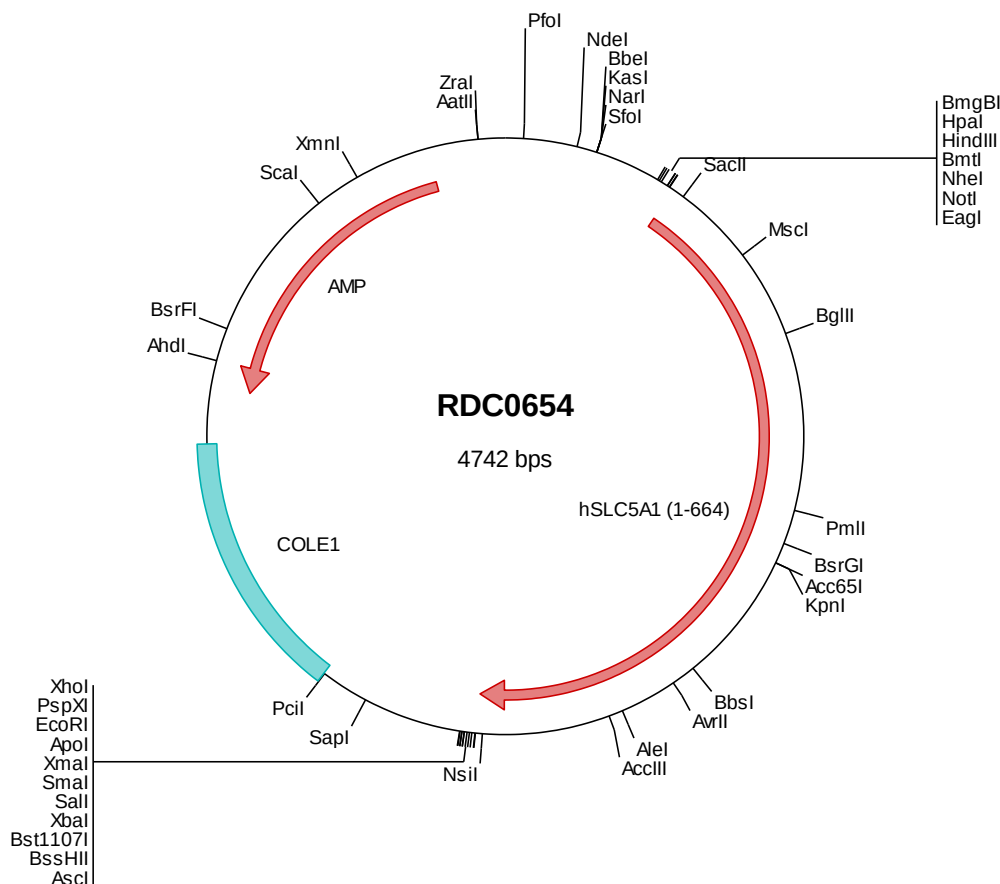
hSGLT1/SLC5A1 cDNA Plasmid

**SLC5A1 solute carrier
family 5 (sodium/glucose
cotransporter), member 1
[*Homo sapiens* (human)]**

Also known as: NAGT; SGLT1

Summary:

SLC5A1 is a member of the sodium-dependent glucose transporter family. It is a membrane protein that is the mediator of dietary glucose and galactose uptake from the intestinal lumen. Mutations in SLC5A1 have been associated with glucose-galactose malabsorption. Multiple transcript variants encoding different proteins have been found for SLC5A1.





> RDC0654 Plasmid DNA Sequence

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> RDC0654 Translated Insert Sequence

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