

Specifications:

Gene:	hSLC7A1
Accession:	NP_003036
Insert size:	1903bp
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.

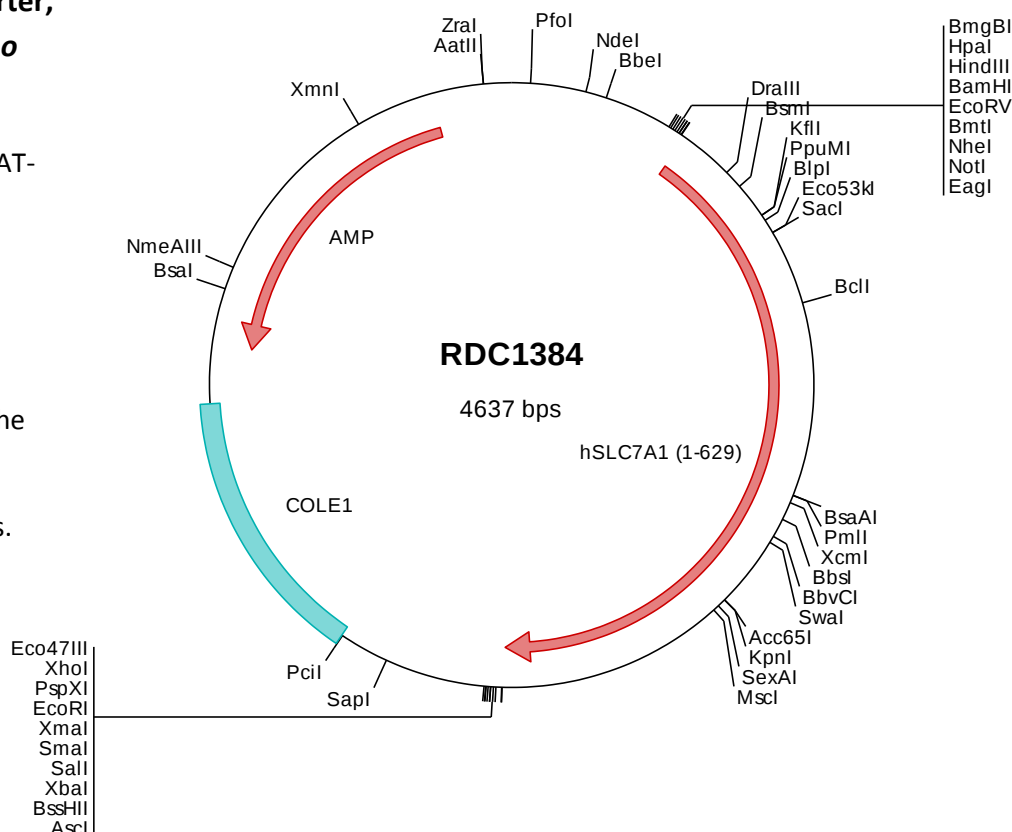
hCAT1/SLC7A1 cDNA Plasmid

SLC7A1 solute carrier family 7 (cationic amino acid transporter, γ^+ system), member 1 [*Homo sapiens* (human)]

Also known as: ERR; ATRC1; CAT-1; hCAT1; REC1L

Summary:

SLC7A1 belongs to the cationic amino acid transporter (CAT) family. It is a high-affinity, low capacity permease involved in the transport of the cationic amino acids (arginine, lysine and ornithine) in non-hepatic tissues. It may also function as an ecotropic retroviral leukemia receptor.



> RDC1384 Plasmid DNA Sequence

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> RDC1384 Translated Insert Sequence

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