

Specifications:

Gene:	<i>h</i> SLC7A2
Accession:	NP_001008539.3
Insert size:	1990bp
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.

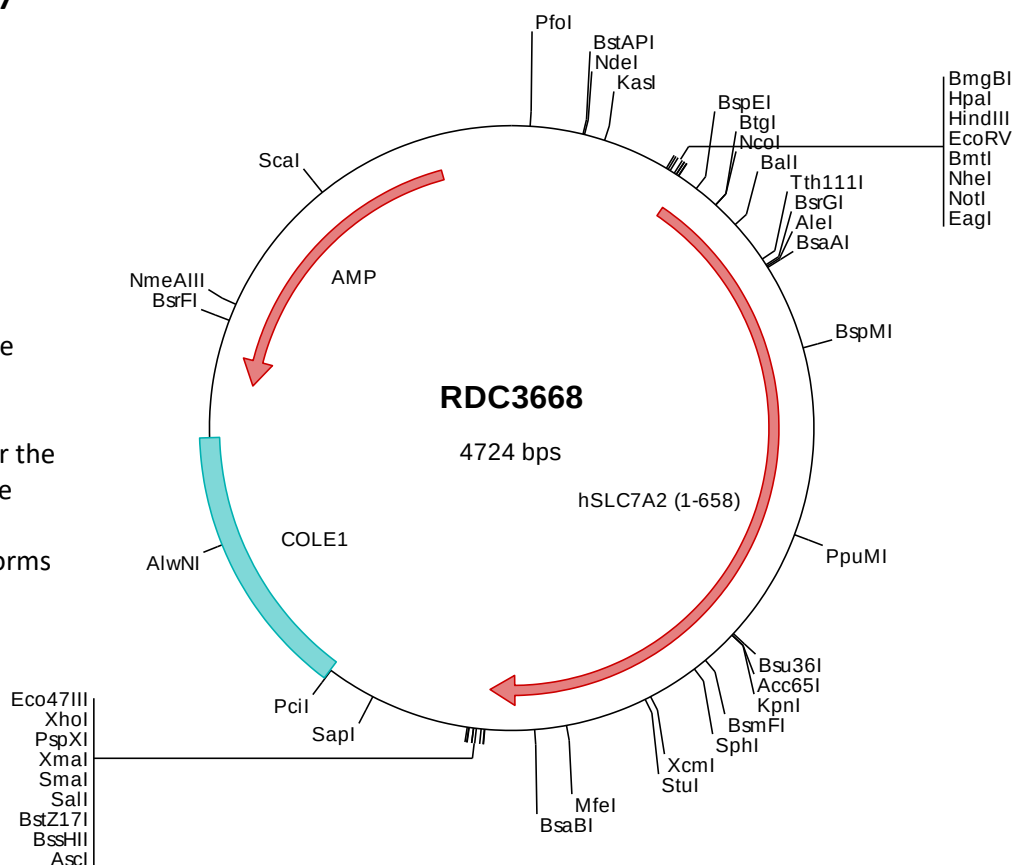
*h*SLC7A2/CAT2 cDNA Plasmid

SLC7A2 solute carrier family 7 member 2 [*Homo sapiens* (human)]

Also known as: CAT2; ATRC2; HCAT2

Summary:

SLC7A2 is a cationic amino acid transporter and a member of the APC (amino acid-polyamine-organocation) family of transporters. It is responsible for the cellular uptake of arginine, lysine and ornithine. Three transcript variants encoding different isoforms have been found for SLC7A2.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3668 Plasmid DNA Sequence

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> RDC3668 Translated Insert Sequence

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