

Product datasheet for **RC228543L3V**

SLC7A2 (NM_001164771) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	SLC7A2
Synonyms:	ATRC2; CAT2; HCAT2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001164771
ORF Size:	2094 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC228543).

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

RefSeq: [NM_001164771.1](#)

RefSeq ORF: 2097 bp

Locus ID: 6542

UniProt ID: [P52569](#)

Cytogenetics: 8p22

Protein Families: Druggable Genome, Transmembrane



MW: 75.8 kDa

Gene Summary: The protein encoded by this gene is a cationic amino acid transporter and a member of the APC (amino acid-polyamine-organocation) family of transporters. The encoded membrane protein is responsible for the cellular uptake of arginine, lysine and ornithine. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]