

## Product datasheet for **RC208394L4V**

### FLVCR (FLVCR1) (NM\_014053) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	FLVCR (FLVCR1) (NM_014053) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FLVCR
Synonyms:	AXPC1; FLVCR; MFSD7B; PCA; PCARP; SLC49A1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014053
ORF Size:	1665 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208394).
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. <a href="#">More info</a>
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:	<a href="#">NM_014053.1</a>
RefSeq Size:	5947 bp
RefSeq ORF:	1668 bp
Locus ID:	28982
UniProt ID:	<a href="#">Q9Y5Y0</a>
Cytogenetics:	1q32.3
Protein Families:	Druggable Genome, Transmembrane
MW:	59.9 kDa


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**Gene Summary:**

This gene encodes a member of the major facilitator superfamily of transporter proteins. The encoded protein is a heme transporter that may play a critical role in erythropoiesis by protecting developing erythroid cells from heme toxicity. This gene may play a role in posterior column ataxia with retinitis pigmentosa and the hematological disorder Diamond-Blackfan syndrome. [provided by RefSeq, Jan 2011]