

## Product datasheet for **RC209097L4V**

### SFXN4 (NM\_213649) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SFXN4 (NM_213649) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SFXN4
Synonyms:	BCRM1; COXPD18; SLC56A4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_213649
ORF Size:	1011 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209097).
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_213649.1</a> , <a href="#">NP_998814.1</a>
RefSeq Size:	1400 bp
RefSeq ORF:	1014 bp
Locus ID:	119559
UniProt ID:	<a href="#">Q6P4A7</a>
Cytogenetics:	10q26.11
Protein Families:	Transmembrane
MW:	38 kDa



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**Gene Summary:**

This gene encodes a member of the sideroflexin family. The encoded protein is a transmembrane protein of the inner mitochondrial membrane, and is required for mitochondrial respiratory homeostasis and erythropoiesis. Mutations in this gene are associated with mitochondriopathy and macrocytic anemia. Alternatively spliced transcript variants have been found in this gene. [provided by RefSeq, Jan 2014]