

## Product datasheet for **RC207654L2V**

### **SRXN1 (NM\_080725) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	SRXN1 (NM_080725) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SRXN1
Synonyms:	C20orf139; Npn3; SRX; SRX1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_080725
ORF Size:	411 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207654).
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_080725.1</a>
RefSeq Size:	2704 bp
RefSeq ORF:	414 bp
Locus ID:	140809
UniProt ID:	<a href="#">Q9BYN0</a>
Cytogenetics:	20p13
MW:	14.3 kDa


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**Gene Summary:**

Contributes to oxidative stress resistance by reducing cysteine-sulfinic acid formed under exposure to oxidants in the peroxiredoxins PRDX1, PRDX2, PRDX3 and PRDX4. Does not act on PRDX5 or PRDX6. May catalyze the reduction in a multi-step process by acting both as a specific phosphotransferase and a thioltransferase.[UniProtKB/Swiss-Prot Function]