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Product datasheet for RC219030L2V

SORCS1 (NM_052918) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SORCS1 (NM_052918) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SORCS1
Synonyms:	hSorCS
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_052918
ORF Size:	3504 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219030).
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_052918.3
RefSeq Size:	7272 bp
RefSeq ORF:	3507 bp
Locus ID:	114815
UniProt ID:	Q8WY21
Cytogenetics:	10q25.1
Domains:	PKD, BNR, VPS10
Protein Families:	Druggable Genome, Transmembrane

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MW: 129.5 kDa

Gene Summary: This gene encodes one family member of vacuolar protein sorting 10 (VPS10) domain-containing receptor proteins. The VPS10 domain name comes from the yeast carboxypeptidase Y sorting receptor Vps10 protein. Members of this gene family are large with many exons but the CDS lengths are usually less than 3700 nt. Very large introns typically separate the exons encoding the VPS10 domain; the remaining exons are separated by much smaller-sized introns. These genes are strongly expressed in the central nervous system. Two of the five family members (sortilin and sortilin-related receptor) are synthesized as preproproteins; it is not yet known if this encoded protein is also a preproprotein. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]