

Product datasheet for **RC214154L1V**

SorLA (SORL1) (NM_003105) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SorLA (SORL1) (NM_003105) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SorLA
Synonyms:	C11orf32; gp250; LR11; LRP9; SORLA; SorLA-1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_003105
ORF Size:	6642 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214154).
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_003105.3
RefSeq Size:	6906 bp
RefSeq ORF:	6645 bp
Locus ID:	6653
UniProt ID:	Q92673
Cytogenetics:	11q24.1
Domains:	Idl_recept_b, Idl_recept_a, BNR, FN3, VPS10
Protein Families:	Druggable Genome, Transmembrane



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MW: 248.44 kDa

Gene Summary: This gene encodes a mosaic protein that belongs to at least two families: the vacuolar protein sorting 10 (VPS10) domain-containing receptor family, and the low density lipoprotein receptor (LDLR) family. The encoded protein also contains fibronectin type III repeats and an epidermal growth factor repeat. The encoded preproprotein is proteolytically processed to generate the mature receptor, which likely plays roles in endocytosis and sorting. Mutations in this gene may be associated with Alzheimer's disease. [provided by RefSeq, Feb 2016]