

## Product datasheet for **RC223564L4V**

### SLITRK6 (NM\_032229) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLITRK6 (NM_032229) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLITRK6
Synonyms:	DFNMYP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032229
ORF Size:	2523 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223564).
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_032229.2</a> , <a href="#">NP_115605.2</a>
RefSeq Size:	4199 bp
RefSeq ORF:	2526 bp
Locus ID:	84189
UniProt ID:	<a href="#">Q9H5Y7</a>
Cytogenetics:	13q31.1
Domains:	LRRCT, LRR, LRR_TYP, LRR_PS
Protein Families:	Druggable Genome, Transmembrane



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**MW:** 94.9 kDa

**Gene Summary:** This gene encodes a member of the SLITRK protein family. Members of this family are integral membrane proteins that are characterized by two N-terminal leucine-rich repeat (LRR) domains and a C-terminal region that shares homology with trk neurotrophin receptors. This protein functions as a regulator of neurite outgrowth required for normal hearing and vision. Mutations in this gene are a cause of myopia and deafness. [provided by RefSeq, Dec 2014]