

## Product datasheet for **RC228141L4V**

### REEP1 (NM\_001164730) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	REEP1 (NM_001164730) Human Tagged ORF Clone Lentiviral Particle
Symbol:	REEP1
Synonyms:	C2orf23; HMN5B; SPG31; Yip2a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164730
ORF Size:	624 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228141).
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_001164730.1</a>
RefSeq Size:	3752 bp
RefSeq ORF:	627 bp
Locus ID:	65055
UniProt ID:	<a href="#">Q9H902</a>
Cytogenetics:	2p11.2
Protein Families:	Druggable Genome, Transmembrane
MW:	23 kDa



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**Gene Summary:**

This gene encodes a mitochondrial protein that functions to enhance the cell surface expression of odorant receptors. Mutations in this gene cause spastic paraplegia autosomal dominant type 31, a neurodegenerative disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]