

## Product datasheet for **RC221742L4V**

### REV1 (NM\_016316) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	REV1 (NM_016316) Human Tagged ORF Clone Lentiviral Particle
Symbol:	REV1
Synonyms:	AIBP80; REV1L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016316
ORF Size:	3753 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221742).
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_016316.1</a>
RefSeq Size:	4276 bp
RefSeq ORF:	3756 bp
Locus ID:	51455
UniProt ID:	<a href="#">Q9UBZ9</a>
Cytogenetics:	2q11.2
Domains:	IMS, BRCT
Protein Families:	Druggable Genome



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**MW:** 138.1 kDa

**Gene Summary:** This gene encodes a protein with similarity to the *S. cerevisiae* mutagenesis protein Rev1. The Rev1 proteins contain a BRCT domain, which is important in protein-protein interactions. A suggested role for the human Rev1-like protein is as a scaffold that recruits DNA polymerases involved in translesion synthesis (TLS) of damaged DNA. [provided by RefSeq, Mar 2016]