

Product datasheet for **MR211853L4V**

Rev1 (NM_019570) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rev1 (NM_019570) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rev1
Synonyms:	1110027123Rik; AU022044; Rev1I
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019570
ORF Size:	3747 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211853).
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_019570.3
RefSeq Size:	4279 bp
RefSeq ORF:	3750 bp
Locus ID:	56210
UniProt ID:	Q920Q2
Cytogenetics:	1 B



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Gene Summary:

Deoxycytidyl transferase involved in DNA repair. Transfers a dCMP residue from dCTP to the 3'-end of a DNA primer in a template-dependent reaction. May assist in the first step in the bypass of abasic lesions by the insertion of a nucleotide opposite the lesion. Required for normal induction of mutations by physical and chemical agents.[UniProtKB/Swiss-Prot Function]