

Product datasheet for **RR211260L4V**

Poll (NM_001014168) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Poll (NM_001014168) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Poll
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001014168
ORF Size:	1719 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR211260).
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_001014168.1 , NP_001014190.1
RefSeq Size:	2320 bp
RefSeq ORF:	1722 bp
Locus ID:	361767
UniProt ID:	Q5RKI3
Cytogenetics:	1q54



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Gene Summary:

DNA polymerase that functions in several pathways of DNA repair. Involved in base excision repair (BER) responsible for repair of lesions that give rise to abasic (AP) sites in DNA. Also contributes to DNA double-strand break repair by non-homologous end joining and homologous recombination. Has both template-dependent and template-independent (terminal transferase) DNA polymerase activities. Has also a 5'-deoxyribose-5-phosphate lyase (dRP lyase) activity.[UniProtKB/Swiss-Prot Function]