

Product datasheet for **RC212141L4V**

SMUG1 (NM_014311) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SMUG1 (NM_014311) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SMUG1
Synonyms:	FDG; HMUDG; UNG3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014311
ORF Size:	810 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212141).
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_014311.1
RefSeq Size:	1570 bp
RefSeq ORF:	813 bp
Locus ID:	23583
UniProt ID:	Q53HV7
Cytogenetics:	12q13.13
Domains:	UDG
Protein Families:	Druggable Genome



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Protein Pathways: Base excision repair

MW: 29.7 kDa

Gene Summary: This gene encodes a protein that participates in base excision repair by removing uracil from single- and double-stranded DNA. Many alternatively spliced transcript variants exist for this gene; the full-length nature is known for some but not all of the variants. [provided by RefSeq, Aug 2011]