

Product datasheet for **RR213466L4V**

Smpdl3a (NM_001005539) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Smpdl3a (NM_001005539) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Smpdl3a
Synonyms:	MGC95161
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001005539
ORF Size:	1335 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR213466).
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_001005539.1 , NP_001005539.1
RefSeq Size:	1706 bp
RefSeq ORF:	1338 bp
Locus ID:	294422
UniProt ID:	Q641Z7
Cytogenetics:	20q12



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Gene Summary:

Has in vitro nucleotide phosphodiesterase activity with nucleoside triphosphates, such as ATP. Has in vitro activity with p-nitrophenyl-TMP. Has lower activity with nucleoside diphosphates, and no activity with nucleoside monophosphates. Has in vitro activity with CDP-choline, giving rise to CMP and phosphocholine. Has in vitro activity with CDP-ethanolamine. Does not have sphingomyelin phosphodiesterase activity.[UniProtKB/Swiss-Prot Function]