

Product datasheet for **RR204041L4V**

Smpd2 (NM_031360) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Smpd2 (NM_031360) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Smpd2
Synonyms:	nSMase
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031360
ORF Size:	1266 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR204041).
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_031360.2 , NP_112650.1
RefSeq Size:	1676 bp
RefSeq ORF:	1269 bp
Locus ID:	83537
UniProt ID:	Q9ET64
Cytogenetics:	20q12
Gene Summary:	catalyzes the Mg ²⁺ dependent hydrolysis of sphingomyelin to form N-acylsphingosine and choline phosphate; also has a lower activity for the hydrolysis of lyso-platelet activating factor to 1-alkylglycerol [RGD, Feb 2006]



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