

Product datasheet for **MR218291L4V**

Smpd4 (NM_001164609) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Smpd4 (NM_001164609) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Smpd4
Synonyms:	4122402O22Rik; mKIAA1418
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164609
ORF Size:	2421 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218291).
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_001164609.1 , NP_001158081.1
RefSeq Size:	4584 bp
RefSeq ORF:	2424 bp
Locus ID:	77626
UniProt ID:	Q6ZPR5
Cytogenetics:	16 A3
Gene Summary:	Catalyzes the hydrolysis of membrane sphingomyelin to form phosphorylcholine and ceramide. May sensitize cells to DNA damage-induced apoptosis.[UniProtKB/Swiss-Prot Function]



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