

Product datasheet for **MR209568L3V**

Smpd1 (NM_011421) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Smpd1 (NM_011421) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Smpd1
Synonyms:	A-SMase; ASM; aSMase; Zn-SMase
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_011421
ORF Size:	1881 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209568).
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_011421.2 , NP_035551.1
RefSeq Size:	2430 bp
RefSeq ORF:	1884 bp
Locus ID:	20597
UniProt ID:	Q04519
Cytogenetics:	7 55.9 cM
Gene Summary:	Converts sphingomyelin to ceramide. Also has phospholipase C activities toward 1,2-diacylglycerolphosphocholine and 1,2-diacylglycerolphosphoglycerol.[UniProtKB/Swiss-Prot Function]



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