

Product datasheet for **RC200417L4V**

nSMase (SMPD2) (NM_003080) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	nSMase (SMPD2) (NM_003080) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SMPD2
Synonyms:	ISC1; NSMASE; NSMASE1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003080
ORF Size:	1269 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200417).
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_003080.2
RefSeq Size:	1697 bp
RefSeq ORF:	1272 bp
Locus ID:	6610
UniProt ID:	O60906
Cytogenetics:	6q21
Domains:	Exo_endo_phos
Protein Families:	Transmembrane



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Protein Pathways: Metabolic pathways, Sphingolipid metabolism

MW: 47.6 kDa

Gene Summary: This gene encodes a protein which was initially identified as a sphingomyelinase based on sequence similarity between bacterial sphingomyelinases and a yeast protein. Subsequent studies showed that its biological function is less likely to be as a sphingomyelinase and instead as a lysophospholipase. [provided by RefSeq, Oct 2009]