

## Product datasheet for **RC227565L3V**

### NSMAF (NM\_001144772) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	NSMAF (NM_001144772) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NSMAF
Synonyms:	FAN; GRAMD5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001144772
ORF Size:	2844 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227565).
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. <a href="#">More info</a>
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:	<a href="#">NM_001144772.1</a> , <a href="#">NP_001138244.1</a>
RefSeq ORF:	2847 bp
Locus ID:	8439
UniProt ID:	<a href="#">Q92636</a>
Cytogenetics:	8q12.1
Protein Families:	Druggable Genome
MW:	107.1 kDa



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**Gene Summary:**

This gene encodes a WD-repeat protein that binds the cytoplasmic sphingomyelinase activation domain of the 55kD tumor necrosis factor receptor. This protein is required for TNF-mediated activation of neutral sphingomyelinase and may play a role in regulating TNF-induced cellular responses such as inflammation. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jan 2009]