

Product datasheet for **SC326295**

NSMAF (NM_001144772) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NSMAF (NM_001144772) Human Untagged Clone
Tag:	Tag Free
Symbol:	NSMAF
Synonyms:	FAN; GRAMD5
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001144772, the custom clone sequence may differ by one or more nucleotides

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ATGACGGGCCAGGCCAGATTCCACCGCGGAGCCGAGGCATGCCGAGCTATCCGGCAGTGC
AGGTCCC GGCGGCCGCGGGCAGCTACCCCGGAAGCCGCGGGGTCCGGCGTGGATCC
CGGCACGCGAGCCCGGGCGTTCCGAGGGGAGGATTTTCCTTGCTGCTGCTAACTTGGAG
GAGTACTACTTTGAACAGCATAGAGCCAATCACATTTTGCACAAGGCCAGTCACCATGAA
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ATTATATTCTGGAATTGCAGTAT
    
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Restriction Sites:	Please inquire
ACCN:	NM_001144772
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001144772.1</u> , <u>NP_001138244.1</u>
RefSeq Size:	3522 bp
RefSeq ORF:	2847 bp
Locus ID:	8439
UniProt ID:	<u>Q92636</u>
Cytogenetics:	8q12.1
Protein Families:	Druggable Genome
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) uses an alternate exon in the 5' UTR and coding region. Isoform 2 has a longer N-terminus, compared to isoform 1.</p>