

Product datasheet for SC212911

SMPD4 (NM_017951) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SMPD4 (NM_017951) Human 3' UTR Clone
Symbol:	SMPD4
Synonyms:	NEDMABA; NEDMEBA; NET13; NSMASE-3; NSMASE3; SKNY
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017951
Insert Size:	1177 bp
Insert Sequence:	>SC212911 3'UTR clone of NM_017951 The sequence shown below is from the reference sequence of NM_017951. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCGAGCGGGGAAGCTGCACCAGCCCTGAAGGTGTCAGCTGCCTTCAGAGCAGGCTGGAGGGATTGTC
CACACAGCCCCACCTTTGGGCTGAGAGGACCTGGGAAGCCCTCCAGGAGGGAACACGGTCATCCTCGG
GCTTCTGGAGCGGGTCTCTGCAGCCGAGAGGCATCTGGAGGAAACGCAACCAAGAAAGGAAGGCAGG
TGGGCCCCAGCAAAGGAGTAGCTGCCAGGGCTCAACAGCTACGCTCTGTGACAGCGCAGAGCTCAGCGG
CGGCCTTTCCCTCCCTCCGCAAGGACTCACGGCCAAGCCAGCTCTCGGGCCTTTTTTCCACTGCCCA
TTTGGCTACTCTGCTGCACCAAGCTTGGGAGCCAGCCTGCCAACAGCCACCTGGGCCTGGCTCCCCAC
TGGCTGGCCTTGAGGTTGGCAGAGTGGGTTGTGGCGCTTCTCTCTGTGTGGGACCAGGACAGTGGC
TTAAGTCTCCACTCCAGGAAAGAATCAAAGTTTCTAGAGTTGTGAGAAAACAGAGAGTGGCTGTCTCTG
ATTCTTCACTGTGAGGGCGTCTTTCATGTTCTCCAGCTGTTCCAAGACTGGGCCGTAGAATCCATG
TTTCAGGAGCCTAAGACCCTCCCAGAGCCAGGGGCTTACCAGCAGACCCCAAGCATTGAGCACATCA
CCCAAAGCAGTGGCCAACATCGCGGACCCTGTGCCTTGTACAGATGGGTGCTGGTCTCAGGCGTTG
GGGACACTGCTGGTTCGATGGGGTCGGATTCTGCCAGTTTCTGCTCTGCAGCCAAAGATGGTTCAGAAGC
ATTGTCACTTCAGTAACATCAAGTGTCTCAAAGACATGGCAACCGTTCAAGTGGTACTTAAGTATTTAAAA
TATACAACTACAGATTCTCTGACAGAAACCAGCACGGGGTCTTACCTTCATTACCCCCACAGGCGACA
TGCGAGGGAGAACAGCATCTCAGTGGTATTTCCAAACCAAGCCTTTGTTTTCGGTGTGGGGTTTTGGG
GGTTTTGCTTAATGTTTTTGAATTGTAATGTTGGGCTTTGTATTTGATGTAAACTGAGCATAATGG
CATTTTAGGGCCTGTGACCAAAAATGAAGCTTGTAAACGACCATGGATCTGAATAAACATGCTCTGCTT
CTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_017951.5
Summary:	The protein encoded by this gene is a sphingomyelinase that catalyzes the hydrolysis of membrane sphingomyelin to form phosphorylcholine and ceramide. This gene is activated by DNA damage, cellular stress, and tumor necrosis factor, but it is downregulated by wild-type p53. The encoded protein localizes to the endoplasmic reticulum and Golgi network. [provided by RefSeq, Mar 2017]
Locus ID:	55627
MW:	43.1