

Product datasheet for **SC212910**

SMPD4 (NM_017751) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SMPD4 (NM_017751) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SMPD4
Synonyms: NEDMABA; NEDMEBA; NET13; NSMASE-3; NSMASE3; SKNY
ACCN: NM_017751
Insert Size: 1193 bp
Insert Sequence: >SC212910 3'UTR clone of NM_017751
The sequence shown below is from the reference sequence of NM_017751. 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
ACCGAGCGGGGAAGCTGCACCAGCCCTGAAGGTGTCAGCTGCCTTCAGAGCAGGCTGGAGGGATTTCG
CACACAGCCCCACCCTTGGGCTGAGAGGACCTGGGAAGCCCTCCAGGAGGGAACACGGTCATCCTCGG
GCTTCTGGAGCGGGTTCCTGCAGCCGCAGAGGCATCTGGAGGAAACGCAACCAAGAAAGGAAGGCAGG
TGGCCCCAGCAAAGGAGTAGCTGCCAGGGCTCAACAGCTACGCTCTGTGACAGCGCAGAGCTCAGCGG
CGGCCCTTCCCTCCGCCAAGGACTCACGGCCAAGCCAGCTCTCGGGCCTTTTTTCCACTGCCCA
TTTGGCTACTCTGCTGCACCAAGCTTGGGAGCCAGCCTGCCAACAGCCACCTGGGCTGGCCTCCCCAC
TGGCTGGCCTTGAGTTGGCAGAGTGGTTGTGGCGCTTCTCTCTGTGTGGGACCAGGACAGTGGC
TTAAGTCTCCACTCCAGGAAAGAATCAAAGTTTCTAGAGTTGTGAGAAAACCAGAGAGTGGCTGCCTG
ATTCTTCACTGTGAGGGCGTTCTTCATGTTCTCCAGCTGTTCCAAGACTGGGCCGTAGAATCCATG
TTTCAGGAGCCTAAGACCCTCCCAGAGCCAGGGGCTTACCAGCAGCCCAAGCCATTGAGCACATCA
CCCAAAGCAGTGGCCAACATCGCGGACCCTGTGCCTTGTACAGATGGGTGCTGGTCTCAGGCGTTG
GGGACACTGCTGGGTCGATGGGGTCGGATTCTGCCAGTTTCTGCTCTGCAGCCAAAGATGGTCAGAAC
ATTGTCACCTTCAGTAACATCAAGTGCTCAAAGACATGGCAACCGTTCAGTGGTACTTAAGTATCAAAA
TATACAACACAGATTCTCTGACAGAAACCAGCACGGGGTCTTACCTTCATTACCCCCACAGGCGACA
TGCGAGGGGAGAACAGCATCTCAGTGGTGATTTCCAACCAAGCCTTTGTTTTCGGTGTGGGGTTTTGGG
GGTTTTGCTTAAATGTTTTGAAATGTAAATGTGGGCTTTGTATTTGATGAAACTGAGCATAATGG
CATTTTAGGGCTGTGACCAAAAATGAAGCTTGTAAACGACCATGGATCTGAATAAACATGTCTTGTCT
CTGAGTCTTCTGGCACCTGG
ACGCGTAAGCGGCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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_017751.4
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:	43.6