

Product datasheet for **SC203896**

SMPDL3B (NM_001009568) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SMPDL3B (NM_001009568) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SMPDL3B
Synonyms:	ASML3B
ACCN:	NM_001009568
Insert Size:	311 bp
Insert Sequence:	>SC203896 3'UTR clone of NM_001009568 The sequence shown below is from the reference sequence of NM_001009568. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCA ACGATCGCC CCCCTGACCACTGAGCCTCAGGAAGGT TGA GCTCCTTCCACCCTTCTCCAGCTCAGGATCAGAACCCCTG GAGGCACCTGCCACCGAGTCAGGGCAGTGCCTCACCAAGTCACCTTTCCCTGGATGACTGTCACAGC TTCATACCTGGTCTCCCTGCCTCTGGCCCTGCCCTGCTATGGCCATCCGCTACACAAGAGAGAAGAAA CTAATCTCCTATAGCACCACTTTTCATCTTGTCTCCGTCCTGCTCAAAAACCTTCAGTGGCTCCCCAGTG CCTTCAAGATAAAGTTGTGTCTCCTTGACCTAGTA ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
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:	<u>NM_001009568.3</u>



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Summary: Lipid-modulating phosphodiesterase (PubMed:26095358). Active on the surface of macrophages and dendritic cells and strongly influences macrophage lipid composition and membrane fluidity. Acts as a negative regulator of Toll-like receptor signaling (By similarity). Has in vitro phosphodiesterase activity, but the physiological substrate is unknown (PubMed:26095358). Lacks activity with phosphocholine-containing lipids, but can cleave CDP-choline, and can release phosphate from ATP and ADP (in vitro) (By similarity). [UniProtKB/Swiss-Prot Function]

Locus ID: 27293

MW: 11