

Product datasheet for **SC204402**

SMPDL3B (NM_014474) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SMPDL3B (NM_014474) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SMPDL3B
Synonyms: ASML3B
ACCN: NM_014474
Insert Size: 344 bp
Insert Sequence: >SC204402 3'UTR clone of NM_014474
The sequence shown below is from the reference sequence of NM_014474. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGCTGGGCCTGTGCACGCTCGTGCTGTGACCTGCCAGGCTCACCTTCTTCTGGTAACGGGTAACGGG
GGCAGCGCCAGGATCACCCAGAGCTGGGCCTTCCACCATTTCTCCGCGCCTGAGGAGTGAAGTGAAGTGA
TAGGACAACCGAATCAGGAAGCGAAGCCCGAGGAGCTGCAGCCATCCGTGATCGCGCCACTGCACTCCA
GCCTGGGTGACAAAGCCAGACTCTCTCCAAAAACAAACCAGAAACAGAAAAGAAATGACGACCCAAGAC
CCCCCTACAAGCATACTTCTTTTGCATTATGTTTAACTCACAAAACAAAGCTCATCATGCGTTTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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_014474.4](#)



[View online »](#)

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: 12.9