

Product datasheet for **RN200955**

Smpdl3b (NM_001025737) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smpdl3b (NM_001025737) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smpdl3b
Synonyms:	MGC116117
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200955 representing NM_001025737
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGCTGCTCGGGTGGCTGATATTCCTGGCTTCTGGGGAGTCGCAGGGGCTGAATTAGGGAGTTCT
 GGCACATCTCCGACCTCCATCTGGACCCCAACTACACAGTATCCAAGACCCCTCCGGGTGCGCCGTC
 AGCCGGCTCCCAGCCCGTCTAAATGCAGGCCCTGGGGTACTACCTCTGCGATTCTCCTTGGGCCCTT
 ATCAACTTCTCCATCTATGCCATGAAGGAGATCGAACCAAGCCAGACTTCATTTTCTGGACAGGGGATG
 ACACACCACACGTCCCAATGAGAGGCTGGGGAGGGAGCTGTGCTGTGATGGTGGACCGTCTGACCAA
 CCTCATCAAGGAGGTCTTCCAGGTAATAAGTCTATGCTGCTCTGGAAATCATGACTTTCACCCTAAG
 AACCAGCTCCCAGCCAGAGCAACAGCATCTACACTCATGTGGCAGAGCTGTGGAGACCTGGCTTAGCA
 ACGAATCTTCACTCTTCAAAGAAGGTGCCTTCTATTCTGAGAAGTTCGGAGTCCCAGCAAGACAGG
 GCGAGTTGGTCTCAACACCAATCTGTACTACAGCAGCAATGAGCAGACAGCCGGCATGGCCGACCCA
 GCCAGCAGATTCCAGTGGCTAGGAGATGTCTAAGCAATGCATCTCGGAACGGGGAGATGGTGTACATTA
 TTGGCCACGTGCCCCAGGGTCTTTGAGAAGACACAGGACAAGGCCCTGGTTCGAGAGAGCTTCAACGA
 GGAGTATCTGAAGGTGGTTCAGCAGCACCATCGCGTCATAGCAGGGCAGTTCTTTGGGCACCACCATAAC
 GACAGTTCGGAATGTTCTACAGCAGCAGAGTGGCCCAATAAGCGTCATGTTCTCACACCCGGGGTCA
 CCCCCTGGAAGACCACATTACCTGGAGTGGTTCGATGGGGCCAACAATCCAGCGATCCGCATTTTTGAGTA
 TGACCGAGCCACTCTCAACTGAAGGACATGGTGAATTAAGTCTGAGGAGGAGGAGGAGGAGGAGGAGG
 GAGACCCCGCAGTGGGAGCAGGAATACCGCTGACAGAGGCTACGAGGTGCAGGACGCCAGCACCAGTT
 CTATGTATACAGCACTGACCCGATCGCCAGTGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC
 GGTGAGTACAGCCATCAGCCCTGTGAGGACGTCTGCCGAAGGGAGCATGTGTGCCCATACAGCAGCTG
 GAGTTCGACACTTACGCCACCTGCTTGCATGGTCTTGGTCCAACTGGTACCTGGTTTCTGCTCATACT
 TGACTCTGCTGACGAGCTACACGTATTGGAGGTGCTA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001025737

Insert Size: 1371 bp

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).

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:

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: [NM_001025737.1](#), [NP_001020908.1](#)
RefSeq Size: 1923 bp
RefSeq ORF: 1371 bp
Locus ID: 362619
Cytogenetics: 5q36