

Product datasheet for **RR211568**

Smpd3 (NM_053605) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smpd3 (NM_053605) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Smpd3
Synonyms:	cca1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RR211568 representing NM_053605
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTTTTGTACACGACCCCTTCTAACAGCTGTCTGTCTGCCCTCCACGCTGTGTCTGGGCCCTCA
TCTTCCCATGTTACTGGCTGGTGGACCGCTGGTCGCCTCCTTCATACCCACCACCTATGAGAAGCGCCA
GAGGGCAGATGACCCCTTGTACCTGCAGCTGTTCTGCACCGTACTCTTACGCCAGTCTACCTGGCTCTG
CTTGTGGCTGCGCTGCCTTTTGCCTTTCTTGGGTTTCATCTTCTGGTCTCCACTGCAGTCTGCCCGCCGGC
CCTACTCTACTCCCGCTAGAAGACAAGAGCCAGCTGGTGGGCAGCCCTGCTTAGTGAATGGAAGGG
CACAGGGGCTGGCAAAGCTTTTGTCTTGGCACAGCCAATGTCTGCCTCCTCCTGACTCGCTCGCAAGG
CTCAATAATGTTTTCAACACCCAAGCCCGGCCAAAGAGATTGGGCAGAGAATCCGCAATGGGGCCGCC
GGCCTCAGATCAAATCTACATTGATCCCCACCAACACCTCCATCAGTGCAGCCAGCTTCAGCAGCCT
GGTGTCCGCGCAGGGCAGTGTGGGCCAGAGCTTCTCTGGGAGCATTAAAGAGGACAGCCTCTGTGGAA
TACAAGGGAGATGGTGGCGTCACCCCAGCGATGAGGCTGCCAATGGCCAGCCTCTGGGAAACAGGCTG
ATGGAAGCCTTGAGGACAGCTGCATTGTGCGAATTGGTGGTGGGAAGGAGGCCGGGCACAGGAAGCTGA
TGACCCTGCTCCTGGGAGCCAAGCCAGGAATGGGGCTGGTGGGACCCAAAGGGCCAGACGCCCAACCAC
AATCAGCGGGACGGGATTCTGGGAGCCTGGGCAGCCCTCCGCCTCCAGGGAGTCTTGGTGAAGGCAC
GGGCTGGACAAGACAGTGGTGGCAGCGGAGAGCCAGGCAGTAACAGTAAGCTGTGTATAAGACCTCTGT
GGTGAAGAAGGCAGCAGCCCGCAGGAGGCCACCCTGATGAAGCCTTCGACCATGAGGTCTCAGCCTTC
TTCCCAGCCAACCTGGACTTCTGTGCCTGCAGGAGGTGTTTACAAGCGTGCAGCTGCCAAGTTGAAAG
AGCAGCTACATGGCTACTTCGAGTACATCCTGTATGATGTTGGGTCTATGGCTGCCATGGTTGCTGCAA
TTTTCAAATGTCTCAACAGCGGTCTCTTCTTGGCAGCCGCTACCCTGTTATGGACGTGGCCTATCACTGT
TACCCCAATGGGTGCAGCTTCGATGCCCTGGCCTTAAGGGAGCTCTGTTTCTCAAGGTGCAGGTGGGAA
GCACACCTCAGGACCAAAGAATTGTTGGGTACATCGCCTGTACACACCTGCATGCCCCACCAGAGGACAG
TGCCATCCGGTGTGAGCAGCTGGACCTGCTTCAGGACTGGCTGGCTGATTTCCGAAAATCTACCTCCTCG
ACCAGCACAGCCAACCCCGAGGAGCTGGTGGTGTGACGTCATCTGTGGAGATTTGAACCTTGATAACT
GCTCTTCTGATGACAAGCTGGAGCAGCAGCATTCACTGTTTACTCGCTACAAGGACCCCTGCCGCCTGGG
GCCTGGGAGGAAAAGCCTTGGGCCATTGGCACCTGCTGGACATAAACGGTCTCTATGATGAGGATGTG
TGTACCCAGACAATCTCAAAGGTCTTGGAGAGTGAGGAAGGCCGAGGGAGTATCTGGCCTTTCCCA
CCAGCAAGAGCCAGGGCTGGACAGAAGGACGAAAGATCTGTTGAAGGGCAATGGCCGCCGATCGA
CTACATGCTGCAGCTGAAGAGGCTGTGCCCTGACTGGAAGGCTGAGGTGGAAGAATTCAGTTTTATCA
CCCAGCTGTCCGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_053605.1](#), [NP_446057.1](#)

RefSeq Size: 5022 bp

RefSeq ORF: 1908 bp

Locus ID: 94338

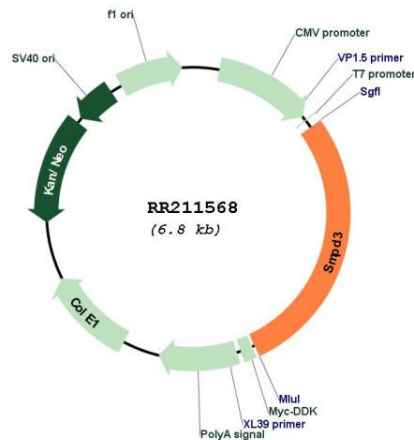
UniProt ID: [O35049](#)

Cytogenetics: 19q12

MW: 69 kDa

Gene Summary: mRNA accumulation occurs in a growth arrested confluent monolayer but not in subconfluent cells; may play a role in regulation of cell growth [RGD, Feb 2006]

Product images:



Circular map for RR211568