

Product datasheet for **RR213940**

Senp18 (NM_001002834) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Senp18 (NM_001002834) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Senp18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR213940 representing NM_001002834
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTGGCAACCTAAACAGCCGGGGTGGGCATGAAACCCGAAGCTTCAGAACACGTCGAAAGCGGAAAC
 ACCTCGACCAAAATGGGACAGAGACCGAGTCTGAAGCTTTGGGACCAGAACCATCAAGGAACTGCCAAGA
 TGGAGCACAAATGGTGTTCAGAAAGCTCGAAAGAGACCCATCAGGAGCATCAAGACCAA
 AAACCTTAATAAGAACAGCCCGGCAAGGTCAGGGACAGAAAACCCAGGATGAGGGTTCAGGAAATATCA
 AACCCCTAGAGGGTCTGCCAGATCAGGCTGTAGTTGAGAAGTCGACTGAGGGTGGCAAGTGTGCAAGCG
 GCCCTATTCTGTCTACAGGAAAACTCAAAGCCCCAAAACGAAAAGCATGCTAGGTCCTCGAACAT
 CTTCAAGGTGGCCATCCTGTGAGGTCTGACCCACACAGGCCTCACCAACCTTTTCTGACACCTCCAACA
 ACAAAGGTGGAATGCCAGGCATCCTCATGGACGAGAAACAGCTCACGGAGATAGACAGCCATCGACAGA
 GGTCTCTCTACCAAGAGAGAGAAGAGGTGTGCTGAGGAGAAATGTGTACGGGGGAACAGCTTGGAGCAT
 GGCTTGCCAGGAACAGCGAATGCAAAACATCCTGGACAGTGGCGCGGTAGGTTACTCCCAGACAAGGTGG
 CAGTAGTTGCAGGAGAGAAAAATGCTCTCCAGAGCAAGAAAAACAACCAAGAAAAAGAAATTTACAAAAGA
 AATGGAAGGAAGTTGAGAAAGCATTGGGTCCAGGAGCCAGGAAGAAATCCTCAGTACGGGATTCAAG
 CTCAAAATCACACGAGGAGATATGCAGACCCTCAAGAACGGTCAGTGGCTCAATGATGAGGTCAATCAAT
 TCTACATGAATCTTCTGGTTCAGAGAAATGAAAACCCAGGCTACCTGCTCTTCATGCCTTTAGCACTTT
 CTTTTACGCCAAGCTAAGCATGGCGGTTACAATTCTGTGAAAAGATGGACCCGAGGAATCAATCTCTTT
 GAAAAAGAACTTATCTTGGTGCCTATTCACAGAGGGTCCATTGGAGCCTGGTGGTAATCGATTTAAGAA
 AGCGAAGCATTGTCTACCTCGATTCAATGGGTGAGACAGGAAAAATATCTGTGAGACCATCTTCCACTA
 TTTACAAAATGAGAGCAAGACCCGAAGGAACATGGAGCTGGACCTGTGGAGTGGAAAGCAGTACAGCTTA
 ACTTCACAGGAGATCCCTCAACAACTGAATGGGAGCGACTGTGGGATGTTACCTGCAAATATGCAGATT
 ACATCTCTAGAGACCAACCTGTGACCTTTTCTCAGCAACACATGCCCTCTTCAGGAAGAGGATGGTGTG
 GGAAATCTGCACAGTCACTTACTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR213940 representing NM_001002834
 Red=Cloning site Green=Tags(s)

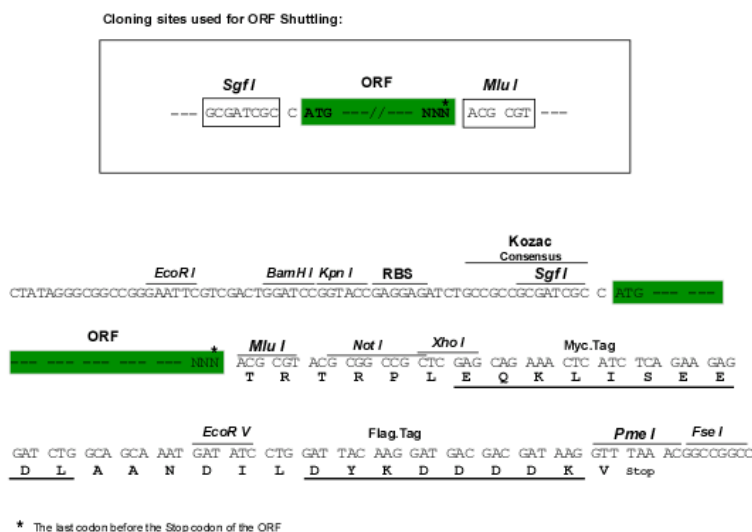
MWQPKQPGVGMKPEASEQRRKRKHLDDQNGTETSEALGPEPSRNCQDGAQMVFQKPGKARKKTHQEHQDQ
 KLNKEQPGKGQGTQDEGSGNIKPLEGLPDQAVVEKSTEGGKCRKRPYSVLQEKQPSPQNEKHARSLEH
 LQGGHPVRSDPHRPHPTFSDTSNNKGMPPHGHGRETAHGDRQPSTEVLSTKREKRCAEKCVRGNSLEH
 GLPGTANANILDSGGGRLLPDKVAVVAGEKNALPEQENNQKEFTKEMEKEVEKALGPGAQEEILSTGFK
 LKITRQDMQTLKNGQWLNDVINFYMNLLVQRNENPGYPALHAFSTFFYAKLKHGGYNSVKRWTRGINLF
 EKELILVPIHQRVHWSLVVIDLRKRSIVYLDMSGQTGKNICETIFHYLQNESKTRRNMELDPVWQKQYSL
 TSQEIPQQLNGSDCGMFTCKYADYISRDPVTFSSQHMPLFRKRMVWEILHSHLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM 001002834

ORF Size: 1425 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001002834.1](#), [NP_001002834.1](#)

RefSeq Size: 1428 bp

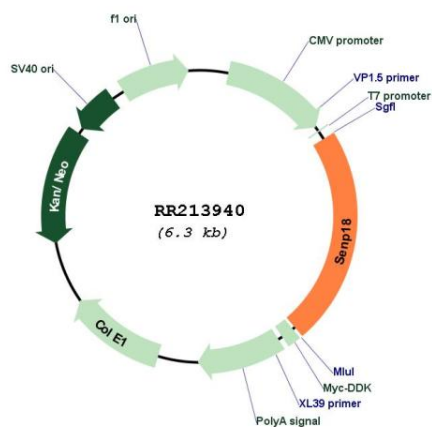
RefSeq ORF: 1428 bp

Locus ID: 408222

Cytogenetics:

MW: 54 kDa

Product images:



Circular map for RR213940