

## Product datasheet for **RR204750**

### Senp6 (NM\_001106842) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Senp6 (NM\_001106842) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Senp6  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR204750 representing NM\_001106842  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGATCGCC

ATGGCGGGCGGCAAGAGCGGTGGCAGCGCTGGGGGTGTTTTCTGAAAGCTTTGGCTAGATCAGAATCTA  
AGAGGGATGGAGGCTTTAAAAATAATTGGAGCTTTGATCATGAAGAAGAAAGTGAAGGAGATGCAGATAA  
AGATGGGGCAAACTACTACGTGTAGAAGATGAGGATTCTGAAACCTCAAAGGAAAAAAGTTAAATCGG  
AGATCTGAAATCGTTGCTACTAGTCTGGTGATTCATCTTGAAGACTTATGTAAGGCGAAACAAGACTG  
ACGGCTTTAAACTTTGAAAGGCAACGCAATTGGACTTAACATGTTAAGCAACAATAAGAACTGAGTGA  
AAACACACAAGCTACGGCTTATGTTCTGGAAGTGTAGTTCATGGTAGACGCTTCCATCATGCCACGTA  
CAGATGCCAGGCATCAAACGGCAGCTCAGAGCAATCAGGACGAAAAGAAAGGAAAGAATACCCACCTC  
ATGTCCACAAAGCCGAAAACAACCCTGTAATGTTAAGTCATGGCCAAGGCGGAGACCATGTAATGAAGAA  
AACTGAAGATTCAGAATCGTATGTAGAGCCTGAAGTTAAGAGGAAAGTACAGCAGAAACGGCACTGTAGC  
ACTTACCAGCTTTCTCCTCTGTCCCTGCCTCAAAGAAGTGTCTGACCCATTTGAGGTTTCTGAACAGC  
GTGAATGTTGCCAAAAATGCGGAAAAGAAAAGAAAATCAAACCAGATGCCAAAGTTGTGGTATTGTTTT  
TCATAATGATTTGCAAAGAAATTGCCGACAAGCAGTAACGTTGAATGAATCTACTGGACCATTGCTAAGA  
ACATCAATTCATCAGAACTCTGGAGGACAGAAATCACAAAACACAGGATTAACAGCTAAGAAGTTTTATG  
GGAACAGTGTGGATAAGATTCCAATTGATATTTGCTCACCTGTGATGGTAGCAGACATAATTACATACA  
GACAAATGGGAAAGTCATTTTACCTGGAGGAAAAATACCTAAAATCACAAACCCGAAAGAACGAAAAACA  
AGCGTGTGAGATTTAAACGATCCAATCATTTTGTCCAGTGATGACGATGACGACGACGACAGGACTAAGA  
GAAGAGAGAGCACGTCCCGCAGCCTGCCGACTCAGCATGCTCCTCTCCAGCACCGTCTACTGGGAAAGT  
TGAAGCCGCACTGAATGCAAATACGTGCAGAGCAGAGCAGGAACCTAGAAGCAGTCCCGCAGAGTCTGAG  
TTAAATACCGTTGTCATACCAAGAAAAGCAAGAATGAAGGACCAGCTTGGTAATTCATCAGCACACCTC  
TAAAACGTCGTAAGTAACACTCATGGAGCTTTAATTCGGTTACATCTTAAAGCTGCCAAGACTTTGG  
CAGTGTCAATTTAAACTGCCAAGTATACGAGTTGGAACACTCTTCCGACTGTTGGTAGAGCCTGTAATT  
TTTTCTTTAGAGTTAATCAAGATACGTCTAGATGGACCAGATTCTGTAGAGATTATTTAAATACCTCTG  
ATCTAACTAAATGTGAATGGTGAATGTCCGCAAATTACCAGTAGTGTCTCCAGGCAATACCAGCAGT  
TTATCAGAAGCTGAGCTGCAGCTGCAGATGAGCAAAGAAGATAAAGTTTGAATGATTGTAAAGGAATA



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AACAGGATAACGAGTTTAGAAGAACAGTACATTATTTTAAATTTTTCAAACCTGGCCTTGATCATCAGGCAG  
 ATGTGGTCTTTGAAAGTATCATTACTGACATTGGTATAAGAAATAATGTTTGCAACTTTTTTGCAAAAAT  
 TCCTTTTGAAGAAGCCAACAGCAGACTTGTTCCTGTACAAGAAGCTATGAAGAGAGCATCAAAGGAAAC  
 TGTGTGCAAAAAGAGAACAAAGTAAAACCTGTGCCTTTGAATCTAAAATACAACCTAGAAGCAAACAAG  
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 AGTGAAGGAGAGTTTTTAAATGATGTTATTATCGACTTTTTATTGAAACTTTGGTCTTGAAAACTGA  
 AGAAAGAAGATGCTGACCGAATTCATATATTCAGTTCTTTTTTCTATAAACGCCTTAATCAGAGAGAGAG  
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 CATGTAGATATTTTTGAGAAGGATTTTATTTTTGTACCCCTTAATGAAGCTGCACATTGGTTTTTGGCTG  
 TTGTTTGTTCCTGGTTTGAAAAACAAAATATGAACCTAATCCTCATTACCATGAAAATGCAGTCAT  
 GCAAAAACCTTCAGTGCAGAGGACAGTTATGTTTCTTCTGCCAGTGAGGTGGATGCTTGTTCACAGAAC  
 TCTGCTGCCAAGCCTGTGATTAAGAAGATGCTACACAGAAAGCATTGCTTAGCTGTAACCGATTGAGTG  
 CTGCACAGGAAGACAGTGAGCCTTGTACCGGAGAAACGCATACAGTGTGAAGTGTAGCATGAAAAAAA  
 AAATCATGCTGTCCATGAAAATGAAGAACAAGCAACGGAGAGTCTGCATGCCAGGAAATTTCTGATAGA  
 ACTGAAAGTGAGCATGGCCTCCAGGATGAATGCTTAAATCTGCACATCATCCAGATGCCTTAAGCAAAA  
 TCAGACTAAACTATGGTGATCAGTCAGCAGAAAGGTGAAAACTGCTTGAAGATGAGCTCATTGACTTCTC  
 AGAGGATCAGGATGACCCGGATGATAGCAGCGATGACGGGCTCCTTGCTGATGAAAACATAATTCAGAA  
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 GCCCTTCTCGGTCAAATGTTGTCAAAATCTAAGAGAGTATTTAGAAGTGGAAATGGGAGGTTAAAAAAGG  
 AAGCAAAAAGAGTTTTTCCAAGATGTTATGAAAGGTCCAACCCAAAGGTTCCACAGCAGAACAACTTC  
 AGTGACTGCGGTGTGTACTGCAGTATGTAGAGAGCTTTTTGAGAATCCAATACTAAATTTTGAGC  
 TCCCTATGAATTTGGTGAACCTGGTTTCTCCCCAGAATGAAAAACAAAAGAGAAGAGATCCGAAACAT  
 AATTTTGAAGCTGCAGGAAGAGCAGAGTAAAGAGAAGAGGCTGCTGAGGGACACCTCCTCAGCGGAGACA  
 TCCTTAGGGGAAGGGGGGAGCAGTACGCCAGCAGTGTCTCAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR204750 representing NM\_001106842  
 Red=Cloning site Green=Tags(s)

MAAGKSGGSAGGVFLKALARSESKRDGGFKNNWSFDHEEESEGDADKDGANLLSVEDESETSCKGKLNLR  
 RSEIVATSSGDFILKTYVRRNKTDGFKTLKGNAILGNMLSNNKLSSENTQATALCSGTVVHGRFFHHAHV  
 QMPGIKTAQSNQDRKERKEYPPHVHKAENNPVMLSHGQGGDHVMKKTEDSESYVEPEVKRKVQQRHCS  
 TYQLSPLSPASKKCLTHEFVSEQRECCPKCGKEKENQTRCQSCGIVFHNDLQRNCRQAVTLNESTGPLLR  
 TSIHQNSGGQKSQNTGLTAKKFYGNSVDKIPIDILLTCDGSRHNYIQTNKVILPGGKIPKITNPKERKT  
 SVSDLNDPIILSSDDDDDRKRRRESTSPQPADSACSSPAPSTGKVEAALNANTCRAEQEPRSSPAESE  
 LNTVVIPRKARMDQLGNSISTPLKRRKVNTHGALIPVTVSLSCQDFGSVILNCRSIRVGTFLRLLVEPVI  
 FSELELIKIRLDGPDSVEIILNNTSDTKCEWCNVRKLPVVFVLAIPAVYQKLSLQLQMSKEDKVVWDCCKGI  
 NRITSLEEQYIILIFQTGLDHQADVVFESIITDIGIRNNVCNFFAKIPFEEANSRLVACTRSYEESIKGN  
 CVQKENKVKTVSFESKIQLRSKQELQFFDDEEEAGESHTIFIGPVEKLIYVPPPAKGGISVTNEDLHCL  
 SEGEFLNDVIIDFYLYLVLEKLEKEDADRIHIFSSFFYKRLNQRERNSETNLSIQQRHGRVKTWTR  
 HVDIFEFKDFIFVPLNEAAHWFLAVVCFPLEKPKYEPNPHYHENAVMQPSRAEDSYVSSASEVDACSQN  
 SAAKPVIKMMLHRKHCLAVTDSSAAQEDSEPCYRRNAYSVKCSMKKKNHAVHENEPSNGESACQEIHDR  
 TESEHLQDECLNSAHPDALSKIRLNYGDQSAEGGKLEDELIDFSEDQDDPDDSSDDGLLADENYNS  
 IGQWHLKPTVCKQPCILLMDSLGRPSRSNVVKILREYLEVEWEVKKGSKRSF SKDVMKGSNPKVPQQNNF  
 SDCGVYVLYQYVEFFENPILNLFELPMNLVNWFPFPRMKTREEIRNIILKLQEEQSKEKRLLRDTS  
 SLGEGAEQYASSVSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



**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\\_001106842.2](#), [NP\\_001100312.2](#)

**RefSeq Size:** 4514 bp

**RefSeq ORF:** 3408 bp

**Locus ID:** 300860

**Cytogenetics:** 8q31

**MW:** 127.6 kDa