

Product datasheet for **RR212976**

Senp3 (NM_001013116) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Senp3 (NM_001013116) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Senp3
Synonyms:	MGC109606
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR212976 representing NM_001013116
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAGAGACTATACAGGGGACCGGGTCTTGGGGCCTGAGCCTCCGGGACCCGGCACCCTTACTCAA
 ATCCCAGGCGAGAGCGTCTTCGTTGGCCCTACCCCAAAGCCCGGCTCAAGTCAGGTGGTGGCTTTGG
 GCCAGATCCTGGGTCTGGGACCACAGTGCCAAGTACAGCCTCCCTGGCCCTCGGCCATCTTTTGTGACC
 TCAGCTAGTGAAGAAGAGGAAGAGGAGGAAGAAGAAGTGAAGGAGGAAGTACGGCATGGAGGCTACCCC
 CTAGATGGGGCCAGCTGGGGACCTCCAGCGTCTCGGGCTCTCCGACCCTCTCATAGAAAACTGCTC
 ACAGCGCCGGCGCCGAGCCATGAGAGCCTTCCAGATGCTGCTCTACTCAAAAAGCACCTCGTGACATTC
 CACTGGAAGCTTTGGGGCGCCACCGAGGCCGGCGGGAACCTGCACACCCCAAGAACCATCTCTCAC
 CCCAAGAAGGGGGTGAACGCCACAGTGCCATCACCTGCTGCTGTTTTGACTCCCGGGGGCTACC
 CCCACCCCGGCTGGGTCTGCTAGGTGCTCTCATGGCAGAGGATGGGATGAGAGGGTCTCCACCAGTGCC
 TCTGGGCCCCCATGGAGGAAGATGGACTAAGGTGGACCCCAAAGTCTCCTCTGGACCCTGACTCGGGT
 TCCTCTCATGTACTCTACCCAATGGTTTTGGGGGACTGTCTGGTCTGAAGGGGAGCGTAGCCTGGCACC
 CCCTGATGCCAGCATACTCATCAGCAATGTGTGCAGCATTGGAGACCACGTGGCTCAGGAACCTTTTCAG
 AGCTCGGACTTGGGCACTGCAGAAGAGGCGAGATCGGCCAGGGGAGAAAGCTGGCCAGCATAGCCCCCTGC
 GGGAGGAACATGTGACCTGTGTGCAGAGTATCTTAGATGAATTCCTCAAACCTTATGGTAGCCTCATCCC
 CCTCAGCACTGATGAAGTTGTAGAGAAGTTGGAGGACATTTCCAGCAGGAGTCTCTACCCCTCCAGG
 AAGAGTCTGGTACTACAGCTGATCCAATCTTACCAGCGGATGCCAGGCAACGCCATGGTAAGGGGCTCC
 GGGTATCCTATAAACGACACGCTGCCATGGATGACTTGGGTACCTTATATGGACAGAAGTGGTCAA
 TGACCAGGTGATGAACATGTATGGAGACTTGGTTATGGACACAGTCCCTGAAAAGGTGCATTTCTCAAC
 AGTTTTCTCTATGATAAACTCCGTACCAAGGGTTATGATGGGGTAAAGAGGTGGACCAAAAATGTGACA
 TCTTCAATAAGGAACTATTGCTAATCCCATCCATCTGGAGGTGCACTGGTCCCTTGTCTCAGTTGATGT
 AAGGCGACGCACCATCACCTACTTTGACTCACAGCGAAGTCTAAACCGCCGCTGCCCAAGCATATTGCC
 AAGTATCTACAGGCAGAGGCAAGTAAAAAAGACCGACTGGATTTCCACCAGGGCTGGAAAGGTTACTTCA
 AAATGAATGTGGCCAGGCAGAATAATGACAGTACTGTGGTGCCTTTGTGTTACAGTACTGCAAGCACCT
 GGCCCTGTCTCAGCCATTCAGCTTACCCAGCAGGATATGCCCAAACCTCCGTCGTCAGATCTACAAGGAA
 CTGTGTCAGTCAAACCTCACTGTG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR212976 representing NM_001013116
 Red=Cloning site Green=Tags(s)

MKETIQGTGSWGPPEPPGPTTYSNPRRERLRWPLPPKPRLKSGGGFGPDPGSGTTVPTRRLPGPRPSFDA
 SASEEEEEEEEEEEVAAWRLPPRWQLGTSQRPRALRPSHRKTCQRRRRAMRAFQMLLYSKSTSLTF
 HWKLWGRHRGRRRNL AHPKNHLS PQEGGATPQVSPCCRFDS PRGLPPPRLLGALMAEDGMRGSPVP
 SGPPMEEDGLRWTPKSPLDPDGLLSCTLPNGFGGLSGPEGERSLAPPDASILISNVCSIGDHVAQELFQ
 SSDLGTAEEADRPGEKAGQHSPLREEHVTCVQSILDEFLQTYGSLIPLSTDEVVEKLEDIFQQEFSTPSR
 KSLVQLIQSYQRMPGNAMVRGFRVSYKRHLV TMDLGLTYGQNLNDQVMNMYGDLVMDTVPEKVVHFN
 SFFYDKLRTKGYDGVKRWTKNVDIFNKELLLIPIHLEVHWSLVSVDVRRRTITYFDSQRTLNRCPKHIA
 KYLQAEAVKKDRDLDFHQGWKGYFKMNVARQNNSDCGAFVLQYCKHLALSQPFSTQQDMPKLRRIYKE
 LCHCKLTV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

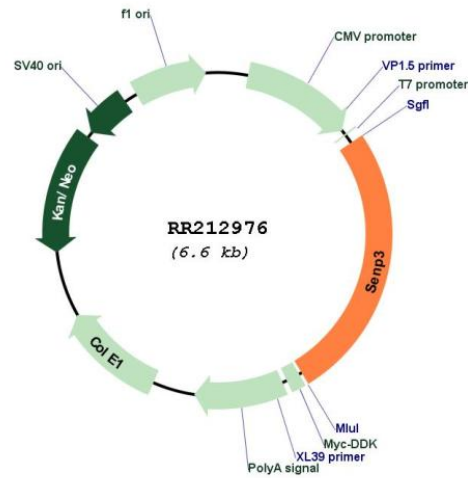
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001013116

ORF Size: 1704 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:	<ol style="list-style-type: none"> 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:	<u>NM_001013116.2, NP_001013134.2</u>
RefSeq Size:	2328 bp
RefSeq ORF:	1707 bp
Locus ID:	303245
Cytogenetics:	10q24
MW:	64.4 kDa