

Product datasheet for **RR207621**

Sesn1 (NM_001106396) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sesn1 (NM_001106396) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sesn1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR207621 representing NM_001106396 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGAAGGAGAGAATGAAGTGAGGTGGGAGGGTCTGTGCAGTAGAGACCACTACTAGAGAGACAG
CACTGGAAAGCGTTAGGCAGATTGTTCTGAGAAAAACCGAGTACCTTCGTTCTGCCAAAGAGACACTTTC
TCGACCTTCGGACGGCTTCAAATGGTGTTCCTTTGGATGGGATGAATAAACTTCTTGCCCATCTGCTT
ATGCTGTCCAAGAGATGTCCCTTTAAAGACGTGAGAGAGAGAAGCGGGTTCATTCTGAAGAGCGTCGAGG
CGGCAGCCAGGCATCAGTGTTCTACCTGGTGAATCTACACGTCAGTGACTTTCTTCATGTTGGTGGGA
CCCAAGTGGCTCAATGGTTTAGAGAATGCTCCTCAGAACTGCAGAATTTAGGAGAACTTAACAAAGTG
TTAGCCCCACAGGCCTTGCTAATCACCAAAGAACACATCGAGGGGCTGCTGAAGGCTGAGGAGCACAGCT
GGTCTCTGCGGAGCTGGTCCACGCTGTGGTCTGCTCACACACTACCACTCTCTGCCTCCTTCACATT
TGGCTGTGGAATTAGTCCAGAGATCCACTGTGACGGTGGCCACACCTTCAGACCTCCTTCTGTAGTAAC
TACTGCATCTGCGACATTACGAATGGCAACCACAGTGTGGAGGAGACGCCAGTCCCCTCAGCAGGAAGTG
CCTTGGTGTGACTCCTTCTTTGAGGTGCAAGCCCTCATGGAAAAGATGAAGCAGTTACAGGAGTGCCG
GGAGGAGGAGGCCAGCCAGGAGGAGATGGCCTCGAGGTTTGAATGGAGAAGAGAGATAGCATGTTT
GTCTTCTCTTCAGATGATGATGAAGTTACACCAGCGAGAGATGTGCTCGGCACCTTTGAGGACACTAGTT
ATGGCTACAAGGATTTCTCCAGGCATGGGATGCATGTTCCAACATTTCTGTCCAGGACTACTGCTGGGA
GGACCATGGTTATTCTCTGGTGAATCGTCTTTATCCGGATGTGGGACAGTTAATCGATGAGAAAATTCAC
ATTGCTTACAACCTACTTACAATACCATGGCAATGCACAAAGATGTTGATACCTCAATGCTGCGACGGG
CTATCTGGAATATCCACTGCATGTTCCGAAACGATACGATGACTATGACTACGGGGAGATTAACCA
GCTGTTGGATCGTAGCTTTAAAGTTTATATCAAACTGTCGTGTGCACTCCTGAAAAGGTCACCAAAAGA
ATGATATGATAGCTTCTGGAGGCAGTTCAAGCACTCTGAGAAGGTTCAATGTTAATCTGCTTCTTATAGAAG
CGAGGATGCAAGCGGAGCTCCTGTATGCTCTGAGAGCCATTACCCGGTATATGACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR207621 representing NM_001106396
 Red=Cloning site Green=Tags(s)

MAEGENEVWEGLCSDPTTTRETALESVRQIVLRKTEYLRSAKETLSRPSDGLSNGVSLDGMNKLALHLL
 MLSKRCPFKDVRERSGFILKSVEAAARHQCSYL VNLHVSDFLHVGDPKWLNGLENAPQKLQNLGELNKV
 LAHRPWLITKEHIEGLLKAEHSWSLAELVHAVLLTHYHSLASF TFGCGISPEIHCDDGGHTFRPPSVSN
 YCICDITNGNHSVEETPVPSAGSALVSDSFFVEVALMEKMKQLQECREEEEAASQEEMASRFEMEKRDSMF
 VFSDDDEVTPARDVSRHFEDTSYGKDFSRHGMHVPTFRVQDYCWEDHGYSLVNRLYPDVGQLIDEKFKH
 IAYNLTYNTMAMHKD VDT SMLRRAIWNYIHC MFGIRYDDYDGEINQLLDRSFKVYIKTVVCTPEKVTKR
 MYDSFWRQFKHSEKVHVNLLLIEARMQAELLYALRAITRYMT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

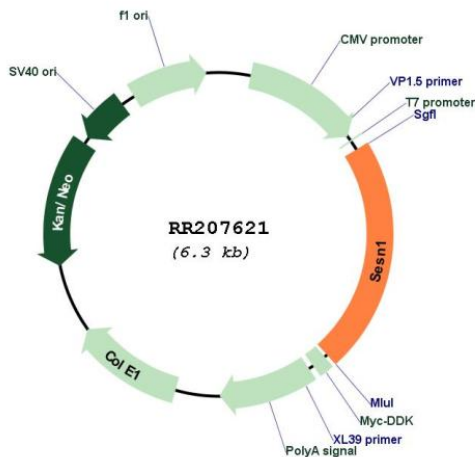
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001106396
ORF Size:	1386 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:	NM_001106396.1 , NP_001099866.1
RefSeq Size:	2850 bp
RefSeq ORF:	1389 bp
Locus ID:	294518
Cytogenetics:	20q13
MW:	53.3 kDa