

Product datasheet for **RR206738**

Sesn3 (NM_001108125) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sesn3 (NM_001108125) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sesn3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR206738 representing NM_001108125
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCGCGGTGGCAGCAGCGCTCGGCCTCGGCCAACTACCTGCTCTGCACCAACTGCCGAAAGTGC
 TCGGGAAGGACAAAAGAATCAGAATGTCTCAACCCCTGACAAGAGGACCAAGTGCCTTTATTCCAGAGAA
 GGAAGTTGTCCAAGCAAACACGGCAGATGAACGAACAACTTTCTTGTGGAAGAGTACTCTACATCCGGT
 CGCCTGGACAACATCACACAGGTGATGAGCTTGCACACGCAGTACCTGGAATCTTTCTTACGGAGCCAGT
 TCTACATGCTGCGCATGGATGGCCCCCTCCCCTCCCGGACAGGCACTACATCGCCATCATGGCTGCAGC
 CAGACACCAGTGTTCCTACCTAATAAACATGCATGTGGATGAATTTTTAAAGACCGGAGGGATTGCTGAG
 TGGCTCAATGGCTTGAATATGTACCACAAAGACTGAGAAATCTTAATGAAATTAACAAGCTGCTGGCAC
 ACCGGCCCTGGCTGATCACGAAAGAGCACATTCAGAACTTGCAAACTGGAGAAAATAATTGGTCCTT
 GCCTGAGCTAGTGCACGCTGTGGTCTTGGCTCACTATCACGCTCTGGCCAGCTTTGTTTATGGTAGT
 GGCATCAATCCAGAAAGAGACCCCGGAATCGCCAATGGGTTCCAGACTGATCTCAGTGAGCAGCTTCTGTG
 TGTGCGACCTGGCCAATGACAACAGCATTGGAATGCCTCCCTGGCAGGCGGCAACTTTGGGATTGTGGA
 CTCTCTAGGTGAGCTAGAAGCCTTAATGGAGAGGATGAAAAGGCTCCAGGAAGACAGGGAAGATGAAGAG
 ACTACTCCGGAAGAAATGAGCACACGTTTTGAGAAGGAAAAGAAAGAAAGTCTCTTCGTGGTCCCTGGAG
 AGACTTCCACTCGTTTCTCACTCAGATTTTGAAGATGACATGATTGTAACAGCTGATGTCTCTCGATA
 CATCGAAGACCCAGGCTTTGGGTATGAAGACTTCGCCAGGCGAGGAGAAGAACATTTGCCAACATTCCGA
 GCCCAGGACTACCTGGGAAAATCATGGTTCCTCGCTGGTGAACAGGCTTTACTCTGACATTGGGCATC
 TCCTGGATGAGAAGTTTCAATGGTCTACAATCTCACCTACAACAATGGCCACCCATGAGGATGTTGA
 CACTACCAGCTGCGCAGAGCCCTGTTTAACTATGTTCACTGTATGTTTGAATCAGGTATGATGACTAT
 GACTATGGAGAAGTTAACCAGTTACTCGAGCGGAGCCTGAAGTTTACATCAAGACAGTGACCTGTACC
 CGGAGCGAACCAGAAAGCGCATGTATGACAGCTACTGGCGGCACTTACCCTCAGAGAAGGTCCACGT
 GAACCTGCTTCTGATGGAGGCGCGGATGCAGGCCGAGCTGCTTACGCCCTGCGGGCCATAACTCGGCAT
 CTGACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206738 representing NM_001108125
 Red=Cloning site Green=Tags(s)

MNRGSSASASANYLLCTNCRKVLKDKRIRMSQPLTRGPSAFIPEKEVVQANTADERTNFLVEEYSTSG
 RLDNITQVMSLHTQYLESFLRSQFYMLRMDGPLPLPDRHYIAIMAAARHQCSYLINMHVDFLKTGGIAE
 WLNGLLEYVPQRLRNLNEINKLLAHRPWLITKEHIQKLVKTGENNWSLPELVHAVVLLAHYHALASFVYGS
 GINPERDPGIANGFRLISVSSFCVCDLANDNSIGNASLAGGNFGIVDSLGELEALMERMKRLQEDREDEE
 TTPEEMSTRFEKEKESLFFVVPGETFHSFPHSDFEDDMIVTADVSRYIEDPGFGYEDFARRGEEHLPTFR
 AQDYTWENHGFSLVNRLYSIDIGHLLDEKFRMVYNLTNTMATHEDVDTTLRRALFNYVHCFMGIRYDDY
 DYGEVNQLLERSLKVYIKTVTCYPERTTKRMYDSYWRQFTHSEKVHVNLLLMEARMQAELLYALRAITRH
 LT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

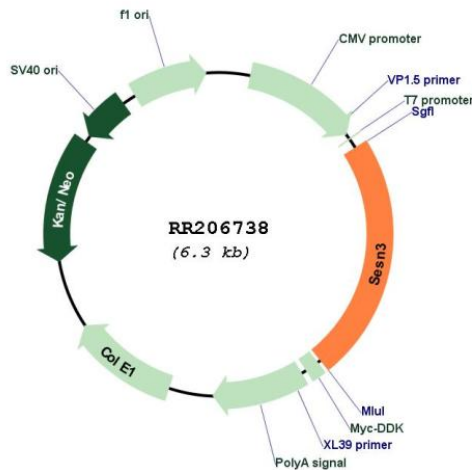
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108125

ORF Size: 1476 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_001108125.1](#), [NP_001101595.1](#)

RefSeq Size: 2921 bp

RefSeq ORF: 1479 bp

Locus ID: 315427

Cytogenetics: 8q12

MW: 56.9 kDa