

Product datasheet for **RR209040**

Snrnp70 (NM_001108483) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Snrnp70 (NM_001108483) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Snrnp70
Synonyms: Snrp70
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209040 representing NM_001108483
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACACAGTTTCTGCCTCCCAACCTTCTGGCCCTTTTGCACCCCGAGACCCCATCCCATACCTGCCAC
 CCCTGGAAAAGCTGCCACATGAAAAACACCATAACCAACCTTACTGTGGCATTGCACCATATATCCGAGA
 GTTTGAGGACCCTCGAGATGCCCTCCTCCAACAAGGGCAGAAACCCGGGAAGAACGCATGGAGAGAAAAG
 AGACGGGAAAAAATTGAACGGCGACAGCAGGAAGTGGAGACAGAGCTGAAAATGTGGACCTCACAAATG
 ATCCCAATGCTCAGGGCGATGCCTTCAAGACTCTGTTCTGGCTAGAGTGAAGTATGACACAACAGAATC
 TAAGCTGCGAAGAGAGTTTGAAGGTGTACGGACCCATCAAAGAATCCACATGGTCTACAGTAAACGCTCT
 GGGAAACCCCGTGGTTATGCCTTCATCGAGTATGAGCATGAACGAGACATGCACTCCACCACGCAGCTGG
 CTTGCAGC

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR209040 representing NM_001108483
 Red=Cloning site Green=Tags(s)

MTQFLPPNLLALFAPRDPYLPPLPEKLPHEKHHNQPYCGIAPYIREFEDPRDAPPPTRAETREERMERK
 RREKIERRQQEVETELKMWDPHNDPNAQGDFAFKTLFVARVNYDTTESKLRRFEVYGPRIKRIHMVYSKRS
 GKPRGYAFIEYEHERDMHSTTQLACS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

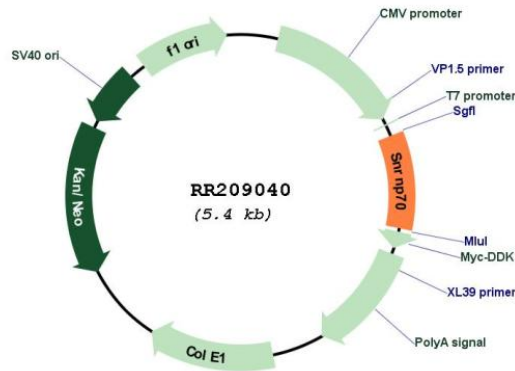
Restriction Sites: SgfI-MluI



Cloning Scheme:



Plasmid Map:



ACCN: NM_001108483

ORF Size: 498 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.

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| 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_001108483.1</u> , <u>NP_001101953.1</u> |
| RefSeq Size: | 1413 bp |
| RefSeq ORF: | 501 bp |
| Locus ID: | 361574 |
| Cytogenetics: | 1q22 |
| MW: | 19.8 kDa |