

Product datasheet for **RR207777**

Snrnp40 (NM_001134556) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Snrnp40 (NM_001134556) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Snrnp40
Synonyms: RGD1309198
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207777 representing NM_001134556
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATCGAGCAGCAGAAACGCAAGGGCCAGAGCTACCCCTGGTCCCCTCAAGCGGCCGCGACATGAGT
 TGCTGTTGGGAGCCGAGGATCCGGCCCGGAGCCGGCAACAGCAGGCGACTCCGGGGCATTGCTGCA
 GACGGGACCGCCAAGGTGTTTCGTCCTTCAAGCCCCATCATGCTGCTCTCAGGACACGAAGGGGAAGTG
 TATTGCTGCAAGTTTCACCCCAATGGATCTACCCCTGGCTTCTGCAGGATTTGACCGACTCACTACTGT
 GGAGCGTCTATGGAGACTGTGACAACTATGCTACGTTGAAGGGACACAGCGGAGCAGTAATGGAGCTGCA
 CTAACAACAGACGGCAGCATGCTTCTCAGCATCAACAGATAAAAAGTGTGGCAGTGTGGGATAGTGAA
 ACAGGAGAGAGAGTTAAAAGGCTAAAAGGGCATACTTCTTTGTGAACCTCTGTTATCCAGCCAGGGGG
 GGCCCCAGCTTGTCTGCACAGGCAGCGACGATGGCACAGTTAAGCTTTGGGACATCCGGAAGAAAGCAGC
 CATCCAGACATTCAGAACACATACCAGGTGTTAGCCGTCACCTTCAATGACACGAGCGATCAGATCATC
 TCTGGCGGAATAGACAATGACATCAAGGTTTGGGACCTACGCCAAAACAAGTTAACCTACACCATGAGAG
 GCCATGCCGACTCTGTAAGTGGCTTGAGCTTGTGAGTTCTGAAGGATCTTATCTCTTGTCCAATGCAATGGA
 CAACACAGTGCCTGCTGGGATGTCGGCCATTTGCTCCCAAAGAGAGATGTGTGAAGATATTTCAAGGA
 AATGTCCACAACCTTTGAAAAGAACCCTCCTGAGGTGTTCTGGTCAACCAGACGGAAGCAAGATAGCAGCTG
 GCTCAGCAGACAGGTTTGTGTACGTGTGGGACACCACAAGCAGAAGGATCCTGTATAAGCTTCTGGTCA
 TGCTGGCTCCATCAATGAGGTGGCCTTCCATCCCAGTGGCCATCATCTCTCAGCATCCAGTGACAAG
 AGGCTGTACATGGGTGAGATCCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR207777 representing NM_001134556
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MIEQQKRKGPELPLVPVKRPRHELLLGAAGSGPGAGQQQATPGALLQTGPPRCSSLQAPIMLLSGHEGEV
 YCKFFHPNGSTLASAGFDRLILLWSVYGDCDNYATLKGHSGAVMELHYNTDGSMLFSASTDKTVAVWDSE
 TGERVKRLKGHTSFVNSCYPARRGPQLVCTGSDDGTVKLWDIRKKAIIQTFQNTYQVLAVTFNDTSDQII
 SGGIDNDIKVWDLRQNKLYTMRGHADSVTGLSLSSEGSYLLSNAMDNTVRVWDVRRPFAPKERCVKIFQG
 NVHNFENLLRCSWSPDGSKIAAGSADRFVYVWDTTSRRILYKLPGHAGSINEVAFHPDEPIILSASSDK
 RLYMGEIQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

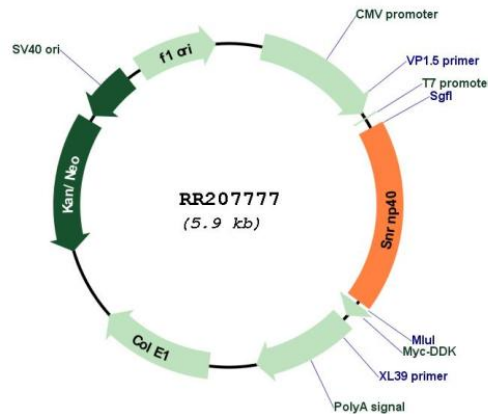
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001134556

ORF Size:	1074 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_001134556.1 , NP_001128028.1
RefSeq Size:	1550 bp
RefSeq ORF:	1077 bp
Locus ID:	313056
Cytogenetics:	5q36
MW:	39.4 kDa