

Product datasheet for **RR211101**

Snurf (NM_130738) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Snurf (NM_130738) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Snurf
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR211101 representing NM_130738
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCGAGGAAGGGATCGTTTACACTTGAGAAGAAGTACTGAACAGCACGTGCCAGAGATTGAGGTCC
AGGTCAAACGTAGAAGGACAGCCTCACTGAGCAACCAAGAGTGTCACTTGTACCCAAGGCGTTCTCAGCA
ACAGCAAATTCCTGTGGTGGATTTCCAGGCAGAAGTACTGAGACAGGCGTTCTTAGCTGAGACACCAAGAGGT
GGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR211101 representing NM_130738
Red=Cloning site Green=Tags(s)

MERGRDRLHLRRTTEQHVPEIEVQVKRRRTASLSNQECHLYPRRSQQQIPVVDFQAE LRQAFLAETPRG
G

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

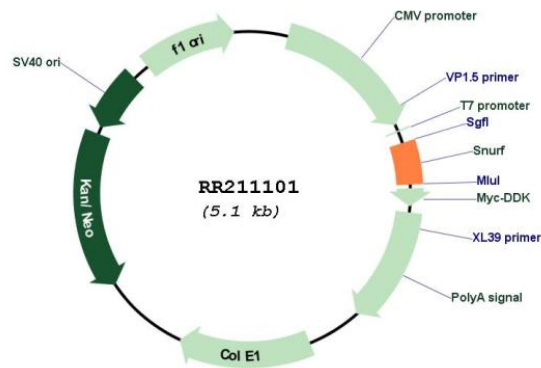


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Cloning Scheme:



Plasmid Map:



ACCN: NM_130738

ORF Size: 213 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_130738.2 , NP_570094.1
RefSeq Size:	1357 bp
RefSeq ORF:	216 bp
Locus ID:	113938
UniProt ID:	Q9WU11
Cytogenetics:	1q36
MW:	8.4 kDa
Gene Summary:	produced from a bicistronic transcript along with SNRPN; each cistron may play a role in the imprinted Prader-Willi syndrome (PWS) [RGD, Feb 2006]