

Product datasheet for **RR204840**

Nosip (NM_001106260) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nosip (NM_001106260) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nosip
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR204840 representing NM_001106260 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAAGGCATGGCAAGAAGTGCAGTGCAGGGGCTGTCTACACCTACCACGAAAAGAAGGACACAG
CGGCCTCAGGCTATGGGACCCAGAACATTCGACTGAGCCGGGATGCTGTGAAGGACTTTGACTGCTGCTG
TCTCTCTCTGCAGCCCTGCCATGACCCCTGTGGTCACCCAGACGGCTACCTGTATGAAAGGGAGGCAATC
CTGGAGTACATCCTACACCAGAAGAGAGAGATTGCCCGGCAGATGAAGGCCTATGAGAAGCAGCGAGGAG
CCCGGAGAGAAGAGCAGAAAGAGCTGCAGCGAGCTGCAGCACAGGACCAAGTTCGAGGCTTCCTGGAGAA
GGAGTCAGCCATTGTGAGCCGGCCCTCAACCCCTTCATGCCAAGGCTGCCACCTTGCCCAACACAGAT
GGTGAACAGCCAGGGCCAGTGTGGTCCCCTAGGCAAGGACAAGGACAAAGCACTACCCAGCTTCTGGA
TTCCCTCACTAACGCCGAGGCAAAGGCCACCAAGCTGGAAAAGCCGTCCCGCACGGTGACCTGCCCGAT
GTCTGGGAAGCCACTGCGCATGTCGGACCTGACGTCAGTGCCTTACACAGCTGGACGACTCTGTGGAC
CGAGTGGGCTCATCACGCGCAGTGAGCGCTACGTGTGCGCAGTGACCCGAGACAGCCTGAGCAACGCCA
CGCCGTGTGCGGTGCTGCGGCCCTCCGGGGCTGTGGTACCCTGGAGTGTGTGGAGAACTGATCCGGAA
GGACATGGTGGACCCCGTGAACGGAGATACGCTGACGGAGCGGGACATCATCGTGTGCAGCGGGGTGGC
ACAGGCTTTGCAGGCTCCGGAGTGAAGTACAGGCAGAAATGTCCCGGCCAGTGTGCAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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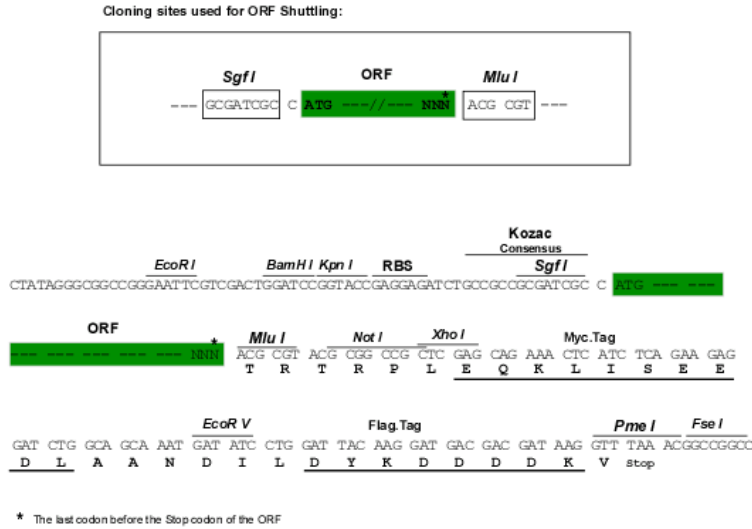
Protein Sequence: >RR204840 representing NM_001106260
 Red=Cloning site Green=Tags(s)

MTRHGKNCTAGAVVYTHEKKKDTAASGYGTQNI RLSRDAVKDFDCCCLSLQPCHDPVVPDGYLYERAI
 LEYILHQKREIARQMKAYEKQRGARREEQKELQRAAAQDQVRGFLEKESAIIVSRPLNPFMPKAATLPNTD
 GEQPGPSVGLGKDKDKALPSFWIPSLTPEAKATKLEKPSRTVTCPSMGKPLRMSDLT SVRFTQLDSDVD
 RVGLITRSERYVCAVTRDSL SNATPCAVLRPSGAVVTLECVKELIRKDMVDPVNGD LTERDIIIVLQRGG
 TGFAGSGVKLQAEMSRPVMQA

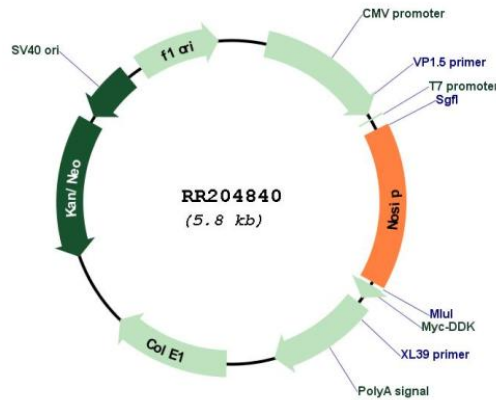
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001106260

ORF Size:	903 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_001106260.1 , NP_001099730.1
RefSeq Size:	1442 bp
RefSeq ORF:	906 bp
Locus ID:	292894
Cytogenetics:	1q22
MW:	33.3 kDa