

Product datasheet for **RR216270**

Nus1 (NM_001164157) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nus1 (NM_001164157) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nus1
Synonyms:	RGD1307879
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR216270 representing NM_001164157 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACGGGGCTGTACGAGCTGGTGTGGCGGGTGTGCACTTGCTGTTCTGCCTGTACCGCAGCTCACCT
CCTGGCTCCGCGTTCGCTTCGGCACATGGAAGTGGATCTGGCGGCCTGCTGTCGCGCCGCTCCGCCG
GGTCTAGCGCCGCTCGGCTTCACGCTCCGCAAGCTCCCGCCGTCGGCAGGAACCGGCGTCATCCCGG
CACCCGCACCGGGGACCGGGACCGGCCACCCACCCCGGCTGCGCTGGCGCGCGGACGGCCGGTCCC
TGAGAAGCTGCCGGTGACATGGGCCTGGTGATCACCGAGGAAGTGCAAGAGCCGACTTCTCAGACAT
CGCCAGCCTCGTGGTGTGGTGTATGGCCGTGGGGATCTCCTACATTAGCGTCTACGACCACCAAGGTATT
TTCAAGAGAAAATAATCCAGATTGATGGATGAAATTTTAAAAACAACAGCAGGAACTTTTGGGCCAAGATT
GTTCAAATACTCAGCAGAGTTTGCAAATAGTAACGACAAAGACGATCAAGTTTTAAATTGCCATCGGC
GGTGAAGGTGCTGTCCCAAGACGGAAGCCGACATTGTGCGAGCCGCCAGGACTTTTGCCAGTCA
GTAGCCCAGCAGCAGAGGAGCCGACGGAGCTGGGTGTAGAGCTGCTCGACAGCTTACTGAGTTCACATG
GCTTCCCTGATCCTGACTTAGTGTGAAGTTGGTCTGTGGACAGCACGTTAGGCTTTCTCCCTGGCA
AATCAGATTGACTGAGATCATCTTTGCCTTCTCACTCAAACATCAGCTATGAGGACCTTTTCTCCGCC
CTCCGGCAGTATGCAGCTTGTGAACAGCGTCTGGGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR216270 representing NM_001164157
 Red=Cloning site Green=Tags(s)

MTGLYELVWRVLHLLFCLYRTLTSWLRVRFGTWNWIWRRCCRAASA AVLAPLGFTLRKLPVGRNRRHHR
 HPHRGPAPAATHPRLRWRADGRSLQKLPVHMGLVITEEVQEPSFSDIASLVVWCMAVGISYISVYDHQGI
 FKRNN SRLMDEILKQQQELLGQDCSKYSAEFANSNDKDDQV LNCP SAVKVLSPEDGKADIVRAAQDFCQS
 VAQQRRPTELGVELLSLLSSHGFDPDLVLKFGPVDSTLGLFPWQIRL TEIISLPSHSNISYEDL FSA
 LRQYAACEQRLGK

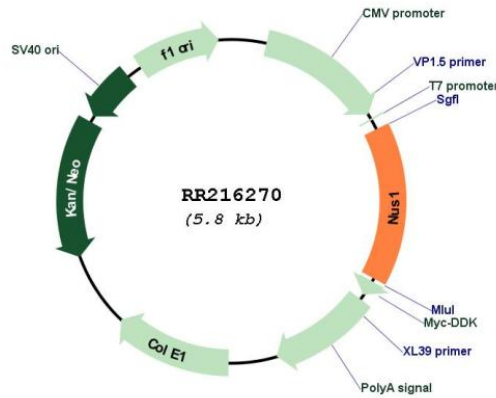
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001164157

ORF Size: 879 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_001164157.1 , NP_001157629.1
RefSeq Size:	3662 bp
RefSeq ORF:	882 bp
Locus ID:	294400
Cytogenetics:	20q11
MW:	33.3 kDa