

Product datasheet for **RR205648**

LOC246267 (NM_144751) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC246267 (NM_144751) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LOC246267
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR205648 representing NM_144751 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTGCCCCTCGCCCTGTTGTAGGTGGTAACCTCAAGTGCAATGGTGATTTGCCTTCATCAAGACTC
 ACACCGAGGTCTTGAAGACGATCCCAAAGAACAATGTTGAAGTTTACGTTGCTCCTTCTGCAATCCACTT
 GAAACTCTTGCCGACAACCTTAAGGGTACTCACATCGAGGTTGCTGCTCAGAACGTTTACTATGAGAAG
 CCTGGCGCATGGACTGGTGAGTTGAACGTTGAAATGCTGCTTGATTGCGGCCTGAAGACTGTCATCATTG
 GTCACCTGAGAGACGTCGTATCATGGGTGAACTAACGAACAATCTGCTAAAAAGGCTGCTCGTGCTAT
 CTCCCTTGGCATGACTGTTGCTTTCTGCATTGGTGAGACTCTTGAGGAAAGAAACGCTGGCAAAGTTGAC
 GAGGTTAACTTCGCTCAGCTCGAGGCTCTTCGTGCCGTTCTGAAAGAAGCTGACTGGAAGAAGCTCATCA
 TTGCTTATGAACCTGTTTGGTCTATCGGTACTGGTGCTGTTGCCTCACCTGAACAAGCTCAGGAGGTTCA
 CGCTTCCATCAGAAAGTGGCTCGGTGAGAAGGTTTCCAAGGCTGTTGCTGATGCCACCCGTATCCAATAT
 GGTGGTTCCGTCAACGCTGCTAACTGCGCCGCTTGGCAAGTGCCAGATATCGATGGTTTCCTTGTTG
 GTGGTGCTTCCCTCAAGCCAGAGTTCGTCCAGATCGTCACTACTCTCGGTGATGTCAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


[View online »](#)

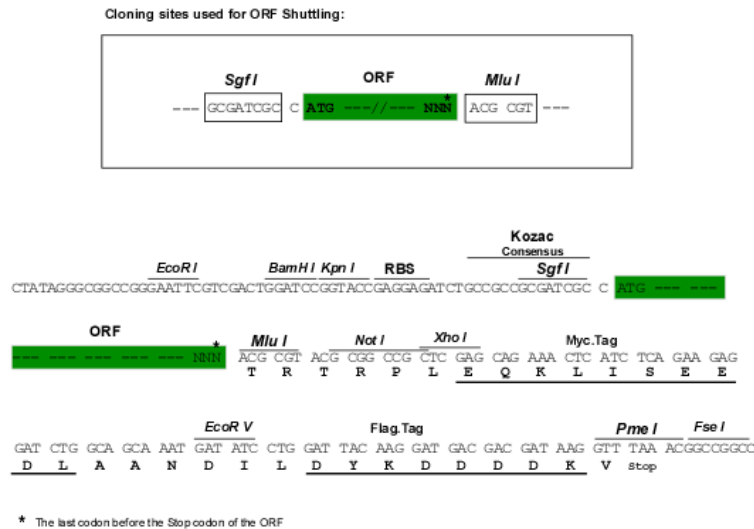
Protein Sequence: >RR205648 representing NM_144751
 Red=Cloning site Green=Tags(s)

MSARRPVVGGNFKCNDFAFIKTHTEVLKTIPKNNVEVYVAPSAIHLKTLADNLKGTHIEVAAQNYYEK
 PGAWTGELNVEMLLDCGLKTVIIGHSERRRIMGETNEQSAKKAARAI SLGMTVAF CIGETLEERNAGKVD
 EVNFAQLEALRAVLKEADWKNV IAYEPVWSIGTG VVASPEQAQEVHASIRKWLGEK VSKAVADATRIQY
 GGSVNAANCAALGKCPDIDGFLVGGASLKPEFVQIVTTLGDVKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_144751

ORF Size: 762 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:

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_144751.1, NP_653352.1

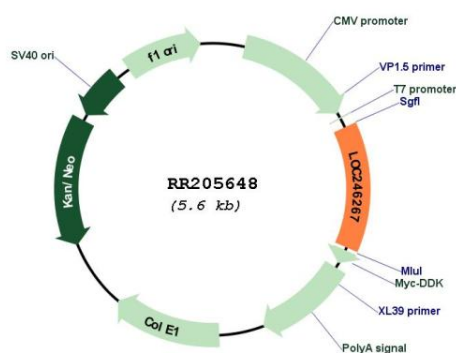
RefSeq Size: 808 bp

RefSeq ORF: 765 bp

Locus ID: 246267

MW: 27.4 kDa

Product images:



Circular map for RR205648