

Product datasheet for **RR213289**

Nmb (NM_001109149) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nmb (NM_001109149) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Nmb
Synonyms: RGD1562710
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR213289 representing NM_001109149
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCCGGCAAGCAGGGAGCACTTGGCTGCTCCGTGGTCTCCTGCTCTTTGCCTTGTTTCGGCA
TCACCCCTTTTCTGGGATCTCCCGGAGCCCGCAGCCGAGCAAGATTGAGTGCACCCCTCGGGG
CAACCTCTGGGCGACTGGTCACTTCATGGGCAAGAAGAGTCTGGAACCCCGAGCCTGCTACTGGTGGT
ACAGCACCCCTATCACCCAGAGGGAGCAGAGACTACAGCTGAGTCATGATCTGCTCAGGATCCTCTGC
TACAGAAAGCGCTAGGCATGAACCTCAGTGGTCCAGCTCCCCAATCCAGTACAGGAGGCTGCTGCAGAA
G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR213289 representing NM_001109149
Red=Cloning site Green=Tags(s)

MTRQAGSTWLLRGLLLFALFVSGITPFSWDLPEPRSRASKIRVHPRGNLWATGHFMGKKSLEPPSLSLVG
TAPPITQREQLQLSHDLLRILLQKALGMNLSGPAPPIQYRLLQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_001109149

ORF Size: 351 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_001109149.1](#), [NP_001102619.1](#)

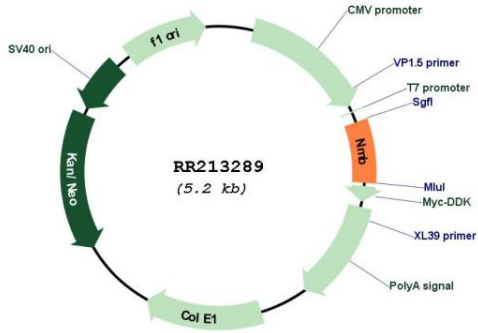
RefSeq Size: 660 bp

RefSeq ORF: 354 bp

Locus ID: 499194

Cytogenetics: 1q31
 MW: 13.1 kDa

Product images:



Circular map for RR213289