

Product datasheet for **RR209468**

Nat8f5 (NM_080884) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nat8f5 (NM_080884) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Nat8f5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR209468 representing NM_080884
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTCTTTATCAGATCCGCCAGTACCAGGAGAGGGACCACAAACACGTTGTGGACTTGTCTCCAGTG
 GCATCAAGGAGCACATCCCCGCCGCTTCCGCTACACGCTGCTGCTGCCAAGACCCTCCTGTTTTATT
 TGCAGCGCCTCTGACCATAGTCTGGCGTCTGGCTCCTGGCTGCTGGCTGTTGTATGCATCTTCTTCCTG
 CTCCTACTCCTGCGGTTCTTCTGCTGGACAGCCCTTCAAGGAGTATGTGGCCATGTGTTTGACAGACAGACA
 TGGCTGACATCACCAAGTCTTACCTGAATGCACATGGCTCCTTCTGGGTGGCTGAGTCTGGGGGGCAGGT
 GGTGGGCATAGTGGCTGCTCTGCCAGTCAAGGAGTCTCCATCAGGGAGGAAGCAGCTGCAGCTCTTCCAC
 CTGTCTGTGTCCTCACAGTGTGAGGACAGGGGATAGCGAAAGCACTGGTCAGAACTGTGCTCCAGTTTG
 CACGGGACCAGGGCTACATGGATGTTGCTTGTGACACAGTATCATACAGCAAGGTGCTATGACCTCTA
 CGAGGCTATGGGATTCAGGAGGACAGGAAAACTTAGAGAACAGCATTATTAAGTGGTTAATTGGGTTT
 TTTTATTTCTGTTTACGTATGCTTCCCTTCTGCTCAGGAACATGAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR209468 representing NM_080884
 Red=Cloning site Green=Tags(s)

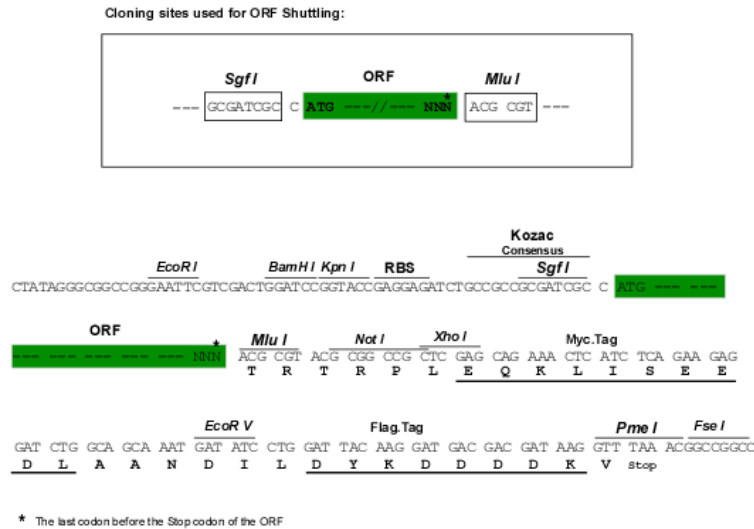
MALYQIRQYQERDQKHVVDLFSSGIKEHIPAAFRYTLTLLPKTLLFLFAAPLTIVLASGSWLLAVVCIFFL
 LLLLRLLAGQPFKEYVAMCLQTDMAITKSYLNAHGSFWVAESGGQVVGIVAALPVKESPSGRKQLQLFH
 LSVSSQCRGQGIKALVRTVLQFARDQGYMDVLETSSIIQQGAMTLYEAMGFQRTGKNLENSIIKWLIGF
 FLFRFTYAFPSAQEHEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV


[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_080884

ORF Size: 681 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_080884.1](#), [NP_543160.1](#)

RefSeq Size: 1217 bp

RefSeq ORF: 684 bp

Locus ID: 114020

Cytogenetics: 4q34

MW: 25.5 kDa

Gene Summary: may act as an N-acetyltransferase; *Xenopus laevis* homolog camello inhibits gastrulation and may regulate cell surface adhesion [RGD, Feb 2006]

Product images:

