

Product datasheet for **RN205088**

Nyx (NM_001100967) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nyx (NM_001100967) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nyx
Synonyms:	RGD1561300
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205088 representing NM_001100967
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGAACCTGCTTCTTTATGCGGTGGTCTTACGCTGCCCTGCACCCGGGCCACCGAGCCTGTCTGC
 GGGCCTGCCCTGCGGCCTGCACTTGCAGTAACGTGGAGCGTGGCTGCTCAGTGCCTGTGACCGTGC
 CCTCCAGCGGGTGCCCACTGAGTTTCCGTGTGAGGCGGCCTCCATCGACCTAGACCGGAATGGGTTGCGC
 ATCCTGGGCGAGCGGGCCTTTGGCAGCTGCCATCGTTACGCTGCCTGTCGCTGCGCCACAACAACCTGT
 CCTTTATTACGCTGGCGCCTTCAAGGGCCTGCCGCGTTGGCCGAGCTGCGCCTGGCGCACAATGGTGA
 GCTACGCTATCTGCACGTGCGGACCTTCGCGCGCTGGGTGCGCTGCGCCGCTGGACCTGGCGCCTGC
 CGCCTTTCAGCGTGCCCGAGCGTCTCCTGGCCGAGCTGCCGGCCTGCGTGAGCTCACGGCCTTCGACA
 ATCTCTCCGCCGGGTGCCCGCGCTCCGTGGCCTGGCTAACCTGACGCACGCGCATTTCGAGCGCAG
 CCGCATCGAGGCTGTGGCTCCAGCTCGCTGCTGGGCATGCGGCGTCTGCGCTGCTCAGCTGCAGGCC
 AACCGCTGCGCGCAGTGCATGCCGGGGCCTTTGGCGACTGCGTGGCCCTGGAGCACCTGCTGCTCAACG
 ATAACCTGCTGGCCTCGCTGCCTGCCGCGCCTTCCGCGGCCTTCGCGCCTGCGCACCTCAATCTGGG
 CGGCAACGCGTTGGGAGCGTGGCGCGCGGCTGGTTCTCCGACCTGGCAGAGCTCGAGCTGCTTTACCTA
 GATCGCAACAGCATCACCTTTGTGGAGGAAGGCGCCTTCCAGAACCTCTCGGGCCTCTGGCCCTGCATC
 TCAATGGCAACCGCCTCACTGTGCTCTCCTGGGCGCTTTCAGCCAGGCTTCTCTGGGCCGCTTTT
 TCTCTCCGAACCTTGGCGCTGTGACTGCCACCTGGAGTGGTTGCGTGATTGGATGGAGGGCTCTGGG
 CGTGTGGCTGATGTGGCATGCGCCTCCCTGGCTCTGTGGCCGCCAGGACCTCAGCCAGGTGGTCTTTG
 AGCGTCTCTGATGGCATCTGTGGACCCTGATGAGCTGAACCTCACCACTTCAGTCCAGGCCCGAG
 TCCAGAGCCAGTGGCCACCCTGTGAGCAGATTGAGCAGCCTCCTCTCCAAGCTGCTGGCCCAAGGGCC
 CCTGTGGAGGAGGTAGCCAACACCACCTGGGAGCTGGTCAATGTCTCCTTGAATGACAGTTTTCGGTCCC
 ATGGAGTGATGGTGTGCTACAAGGCCACGTTTCTCTTCACTTCTGCTCTGGCTCAGCCTGGCCCA
 GTATGTGGTGTGGGTCCACAGAGGGACTGA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001100967

Insert Size: 1431 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001100967.1, NP_001094437.1
RefSeq Size: 1971 bp
RefSeq ORF: 1431 bp
Locus ID: 302516
Cytogenetics: Xq12