

Product datasheet for **RN206815**

Nub1 (NM_001013925) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nub1 (NM_001013925) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nub1
Synonyms:	BS4; NYREN18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206815 representing NM_001013925
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCGCAGAAGAAATATCTTCAAGCAAACACTGACCCAGTTTCTAAGGGAAGACAGAATTCAACTTTGGA
 AACCTCCATATACTGAAGAAAATAAAGAAGTTGGTTTGGCCTTAAAGGACCTTGCTAAGAGGTACTCCGA
 GCGGCTAGAGTGCTGTGAAAATGAAGTGGAACATAATAGAGGAAATCCGATGCAAAGCGATTGAGCGC
 GGCCTGGGAATGAGCACTACCGCACAACCTGGGATTGCTACGATTGAGGTGTTCTGCCTCCGAGGCTCC
 GGAAAGATAAGAAAAGCTTGTGGAGACCCGCTTGCATGTCAGTGGTAGAGACCTGAGGAGTAAATAGC
 TGAAACCTTTGGATTTCAAGAAAATTACATCAAGATCGTAATAAATAAGAAACAGCTTCACTAGGGAAA
 AGCCTTGAAGAGCAAGGAGTCACTCACAATGTGAAGGCCATGGTGTGGAGCTGAAACAGCTGAAGAGG
 ATGTGAGGAGAACTGCAGCTGGAGGAGGAGGAACAGAACGAGGCTGAGCAGAAGGAGAAACGCATTCA
 GAGGACAAAAGGGGACTGGAGATCCTGGCCGAGAGAGCTGAGATGGTGGTAGACCCGGAACGATGCCT
 TACTTAGACATTGCGAACCACTGGCAGGTCAATCAGAATCCCCCTTCAGAAAGAAAAGCCCTAATGT
 TAGCCATGGGGTACCATGAGAAGGGCAGGGCTTTCTGAAAAGAAAAGAGTATGGGATAGCCTTGCCATG
 CCTTCTGGACGCCGACAGATACTTCTGTGAGTGCAAAGAGCTGCTGGACACTGTGGACAACATATGCAGTC
 CTCCAGCTGGACATCGTGTGGTGCTACTTCCGCTGGAACAGCTGGAGTGCCTTGATGATGCAGAGAAAA
 AGCTGAACTTGGCCAGACGTGCTTTACAACTGTTACGGGGAGAATCACCAGAGACTGGTCAACATAAA
 AGGGAAGTGTGGAAAGAGAAGGTGTTGTTTTAAGACTCTACTTGCTTCAGGGAATCCGAACTATCAC
 AGTGGAATGGAGAGGAGCTCGGAATATCTCAACAAGGCACGTGAGCTCTTTAAGAGCTGTACATCG
 ACCCATCGAAAGTTCACAACTTGTACAGTTGGGGTTCAGTCCCAGGAAGCAGGCTGGCCCTGCGGGC
 CTGTGATGGGAACGTGGACCACGCAGCCACTCACATTTCCAACCGCAGAGAGGAAGTGGCCAGATACGG
 AAGGAAGAGAAGGAGAAGAGGAAACGCCGTCTGGAAGTGTCAACACTTTGAGAGGAATGGGCTACTCCA
 CACAAGCTGCCAAACAAGCCCTTACCAGGCCAGAGGCAACCTGGACGATGCCCTGAAGATTCTCTCAG
 CAACCCCAATGTGGTGGTTACAGGATTCAGACTCTGAGAACAACAGCCGGAAGCAAGCCCTCCCAA
 GAAAGCATCGACAGCTGGTGTACATGGGCTTCGACACAGTGGTGGCCGAAGCTGCGCTGAGGGTGTG
 CAGGCAATGTCCAGCTGGCAGCTCAGACCCTGGCACACCATGGAGGAAGCCTCCCTCTGACCTACAGTT
 CTCAGGAGAGGACTCCTCTCCACCCATCCACATCCCGTCTGACTCCGAGGGACCTCTAGTGCCTCC
 ACGGATGAGGACATGGAGACAGAGGCCGTGAACGAAATCTGGAGGACATTCCGGAGCAGGAGAACT
 ACCTGGACTCCACTGGAGGACGAAGAAGTCATCATCGTGTGAGTACCTGCTCTACGTGGACAGGACCAG
 TTCTGCCACAAAGGACAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001013925

Insert Size: 1842 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_001013925.1, NP_001013947.1

RefSeq Size: 2569 bp

RefSeq ORF: 1842 bp

Locus ID: 296731

Cytogenetics: 4q11