

Product datasheet for **RR207825**

Nab1 (NM_022856) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nab1 (NM_022856) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nab1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR207825 representing NM_022856
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCACAGCCTTACCTAGGACCTGGGAGAGCTGCAGCTGTATCGAATATTGCAGAAAGCTAATCTGC
 TTTCTTACTTTGATGCCTTTATCCAACAAGGTGGTGATGATGTCCAGCAACTGTGCGAAGCTGGAGAAGA
 AGAATTTTTGAAATCATGGCACTGGTGGGCATGGCAAGCAAGCCCTTCATGTTAGACGGCTTCAGAAG
 GCTTTGAGAGATTGGTTACAAATCCTGGCCTTTTCAACCAGCCATTGACTTCCCTTCTGTCTCAGTAGCA
 TACCCATCTATAAATTACCAGAGGGATACCAACATGGCTGGGAATATCCTGCAATAGTTATGAAAGGAG
 TAGCAGTGCCCGAGAGCCACATTTAAAGGTCCCTAAATGCGCTGCCACCACCTGTGTTTCCAGAGCTGGGT
 CAGGGCAAGTCAGAGGTGGGAAGTCTAGCACTGCAGAGTGTGAGTGAATCCAGACTCTGGCAAGGACACC
 ACACCACTGAAAGCGAGCATAGTCTCTCCCAGCAGACCTGGGCTCCCAGCCTCCCAAAGGAAAGCAG
 TGAAGCCCTGGATGCTGCCGCCGCGCTCTCTGTGGCCGAGTGTGTGGAGCGGATGGCCCCACGCTGCC
 AAAAGTGACTTGAATGAAGTGAAGAGCTGCTGAAGAACAATAAGAAGTTGGCCAAAATGATTGGTCACA
 TCTTCGAGATGAGCGACGAGGATCCACACAAGGAGGAGGATCAGAAAGTACAGCGCCATCTATGGGCG
 ATTTGACTCCAAAAGAAAGGATGGTAAACACCTCACATTGCATGAGCTCACGGTTAACGAGGCAGCTGCT
 CAGCTGTGTGTGAAGGACAATGCCCTGCTGACGAGAAGAGATGAGCTTTTCGCCCTGGCCAGGCAGGTTT
 CTCGAGAAGTTACCTACAATACTTACAGGACCACCAGGTTAAATGTGGTGAAGAGATGAATTGTC
 TCCAAAGAGAATTAATGGAGGATGGATTTCCGGACTCCAGGAATCTGTGCCAACACTTCCAGCAG
 GCCAGAGCCAAAAGTGAAGAGCTTGCAAGTCTCAGTTCACAGGCTGAGAAGGGGATGGCAAAGCAAATGG
 AGCTCCTGTGTGCCAGGCCGGCTATGAGAGGCTGCAGCAGGAGAGGAGACTCATGGCCGGGCTCTACAG
 GCAGAGCTCTGGAGAGCAGAGCCCTGATGGCGCCTTCTTCTGATGGCTCCGATGGACAAGGAGAAGG
 CCTTTGAATCTCCGAATTCCTAGTGTGCAAGACAGACAGCCCATCATTTTGTGGTGGATGGGGAGCTCA
 GTAGACTTTACTCCAACGAGGTGAAGTCCCACTCATCAGAGAGCCTTGGGATTCTAAAAGACTATCCTCA
 CTCTGCATTACCTTGGAAAAGAAAGTTATTAACAACAGAGCCGAAGACTCAAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR207825 representing NM_022856
 Red=Cloning site Green=Tags(s)

MATALPRTLGEQLYRILQKANLLSYFDAFIQQGGDDVQQLCEAGEEEFLEIMALVGMASKPLHVRRLQK
 ALRDWVTNPGLFNQPLTSLPVSSIIYKLEPGSPTWLGISCNYSYERSSSAREPHLKVPKCAATTCVQSLG
 QGKSEVGLALQSVSESRLWQHHTTESEHSLSPADLGSPASPKESSALDAAAALSVAECVERMAPTLP
 KSDLNEVKELLKNNKLLAKMIGHIFEMSDDPHKEEIRKYSAYGRFDSKRKDGKHLTLHELTVNEAAA
 QLCVKDNALLTRRDELFALARQVSREVTYKYTYRTRLKCGERDELSPKRIKMEDGFPDFQESVPTLFQQ
 ARAKSEELAGLSSQAEGMAKQMEMLCAQAGYERLQQERRLMAGLYRQSSGEQSPDGGLPSDGSQGGER
 PLNLRIPSQNRQPHHFVVDGELSRLYSNEVKSSESLSGILKDYPHSAFTLEKKVIKTEPEDSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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_022856.5](#), [NP_074047.2](#)

RefSeq Size: 4525 bp

RefSeq ORF: 1458 bp

Locus ID: 64824

UniProt ID: [Q62722](#)

Cytogenetics: 9q22

MW: 54 kDa

Gene Summary: transcriptional repressor and an immediate-early gene [RGD, Feb 2006]