

Product datasheet for **RN207825**

Nab1 (NM_022856) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN207825 representing NM_022856
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACAGCCTTACCTAGGACCTGGGAGAGCTGCAGCTGTATCGAATATTGCAGAAAGCTAATCTGC
 TTTCTTACTTTGATGCCTTTATCCAACAAGGTGGTGATGATGTCCAGCAACTGTGCGAAGCTGGAGAAGA
 AGAATTTTTGAAATCATGGCACTGGTGGGCATGGCAAGCAAGCCCTTCATGTTAGACGGCTTCAGAAG
 GCTTTGAGAGATTGGTTACAAATCCTGGCCTTTTCAACCAGCCATTGACTTCCCTTCTGTCTAGTACGA
 TACCCATCTATAAATTACCAGAGGGATACCAACATGGCTGGGAATATCCTGCAATAGTTATGAAAGGAG
 TAGCAGTGCCCGAGAGCCACATTTAAAGGTCCCTAAATGCGCTGCCACCACCTGTGTTCCAGAGCTGGGT
 CAGGGCAAGTCAGAGGTGGGAAGTCTAGCACTGCAGAGTGTGAGTGAATCCAGACTCTGGCAAGGACACC
 ACACCACTGAAAGCGAGCATAGTCTCTCCCAGCAGACCTGGGCTCCCAGCCTCCCAAAGGAAAGCAG
 TGAAGCCCTGGATGCTGCCGCCGCGCTCTCTGTGGCCGAGTGTGTGGAGCGGATGGCCCCACGCTGCC
 AAAAGTGACTTGAATGAAGTGAAGAGCTGCTGAAGAACAATAAGAAGTTGGCCAAAATGATTGGTCACA
 TCTTCGAGATGAGCGACGAGGATCCACACAAGGAGGAGGATCAGAAAGTACAGCGCCATCTATGGGCG
 ATTTGACTCCAAAAGAAAGGATGGTAAACACCTCACATTGCATGAGCTCACGGTTAACGAGGCAGCTGCT
 CAGCTGTGTGTGAAGGACAATGCCCTGCTGACGAGAAGAGATGAGCTTTTCGCCCTGGCCAGGCAGGTTT
 CTCGAGAAGTTACCTACAATACTTACAGGACCACCAGGTTAAAAATGTGGTGAAGAGATGAATTGTC
 TCCAAAGAGAATAAAAATGGAGGATGGATTTCCGGACTCCAGGAATCTGTGCCAACACTTCCAGCAG
 GCCAGAGCCAAAAGTGAAGAGCTTGCAGGTCTCAGTTCACAGGCTGAGAAGGGGATGGCAAAGCAAATGG
 AGCTCCTGTGTGCCAGGCCGGCTATGAGAGGCTGCAGCAGGAGAGGAGACTCATGGCCGGGCTCTACAG
 GCAGAGCTCTGGAGAGCAGAGCCCTGATGGCGCCTTCTTCTGATGGCTCCGATGGACAAGGAGAAGG
 CCTTTGAATCTCCGAATTCCTAGTGTGCAAGACAGACAGCCCATCATTTTGTGGTGGATGGGGAGCTCA
 GTAGACTTTACTCCAACGAGGTGAAGTCCCACTCATCAGAGAGCCTTGGGATTCTAAAAGACTATCTCTCA
 CTCTGCATTACCTTGGAAAAGAAAGTTATTAACAACAGAGCCCGAAGACTCAAGA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_022856

Insert Size: 1458 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_022856.5](#), [NP_074047.2](#)
RefSeq Size: 4525 bp
RefSeq ORF: 1458 bp
Locus ID: 64824
UniProt ID: [Q62722](#)
Cytogenetics: 9q22
Gene Summary: transcriptional repressor and an immediate-early gene [RGD, Feb 2006]