

## Product datasheet for **MG207794**

### **Nab1 (NM\_008667) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nab1 (NM_008667) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Nab1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MG207794 representing NM\_008667  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCCACAGCCTTACCTAGGACCTGGGGAGCTGCAGCTGTATAGAATATTGCAAAAAGCCAACCTGC  
 TTTCTTACTTTGATGCCTTTATCCAACAAGGTGGTGATGATGTCCAGCAACTGTGTGAAGCTGGAGAAGA  
 GGAATTTTTGAAATAATGGCACTTGTGGGCATGGCAAGCAAGCCCTTACGTTAGAAGCTTCAGAAG  
 GCTTTGAGAGACTGGTTACAAATCCTGGCCTTTTCAATCAGCCATTGACTTCACTTCTGTGAGTACGA  
 TACCCATCTATAAATTACCAGAGGGATCGCCAACATGGCTGGGGATATCCTGCAATAGTTATGAAAGGAG  
 TAGCAGCTCCCGAGAGCCACATTTAAAAATCCCTAAATGTGCCGCCACCACCTGTGTGCAGAGCTTGGGT  
 CAGGGCAAGTCAAGTGGGAAGTTTAGCACTGCAGAGTGTGAGGATCCAGACTCTGGCAAGGACATC  
 ATGCCACTGAAAGCGAGCATAGTCTCTCCCAGCAGACCTGGGCTCCCCGGCCTCTCAAAGGAAAGCAG  
 CGAAGCCCTGGATGCTGCAGCTGCACTCTCTGTGGCCGAGTGTGTGGAGCGGATGGCCCCACACTGCC  
 AAAAGTGACTTGAGTGAAGTGAAGGAGCTGCTGAAGAACAATAAGAAGTTGGCCAAAATGATCGGTACAA  
 TATTTGAGATGAGTGACGAAGACCCACACAAGAGGAGGAGATTAGAAAGTACAGCGCCATCTATGGGCG  
 ATTTGACTCCAAAAGAAAGGATGGCAAACACCTTACATTGCATGAGCTCACTGTTAATGAGGCAGCCGCT  
 CAGCTGTGTGTGAAGGACAATGCCCTGCTGACAAGAAGAGATGAGCTTTTTGCCCTGGCCAGGCAGGTTT  
 CTCGAGAAGTTACCTACAAGTACACTTACAGGACCACCAGGTTAAAAATGTGGTGAAGAGATGAATTATC  
 TCCAAAGAGAATTAATAAGAGGATGGATTTCCCGACTCCAGGAATCTGTGCCAACACTTCCAGCAG  
 GCCAGAGCCAAGAGCGAGGAGCTTGCAGGGCTCGGTTACAGCAGGCTGAAAAGGGGATGGCGAAGCAGA  
 TGGAGCTCCTGTGTGCCAGGCCGGGTATGAGAGGCTGCAGCAGGAGAGGAGACTCACGGCCGGCTCTA  
 CAGGCAGAGCTCCGGCGAGCAGAGCCCTGATGGCGGCTGCCTTCTGATAGCTCTGATGGACAAGGAGAA  
 AGACCTTTGAATCTCCGAATCCGAGTGTGACAACCGACAGCCCATCATTTTGTGGTGGATGGGGAGC  
 TGAGTAGGCTTTACTCCAGTGAAGCCAAGTCCCCTCCTCAGAGAGCCTTGGGATTCTAAAAGACTATCC  
 TCACTCTGCATTCACCTTGAAAAGAAAGTTATTAACACAGAGCCTGAAGACTCAAGA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>MG207794 representing NM\_008667  
 Red=Cloning site Green=Tags(s)

MATALPRTLGLQLYRILQKANLLSYFDAFIQQGGDDVQQLCEAGEEEFLEIMALVGMASKPLHVRRLLQK  
 ALRDWVTNPGLFNQPLTSLPVSSIIYKLEPGSPTWLGISCSNYERSSSSREPHLKIPKCAATTCVQSLG  
 QGKSEVGLALQSVSDSRLWQGHATESEHSLSPADLGSPASPKESSSEALDAAAALSVAECVERMAPTLP  
 KSDLSEVKELLKNNKLLAKMIGHIFEMSEDPHKEEERKYSYAIYGRFDSKRKDGKHLTLHELTVNEAAA  
 QLCVKDNALLTRRDELFALARQVSREVTYKYTYRTRRLKCGERDELSPKRIKIEDGFDFQESVPTLFFQQ  
 ARAKSEELAGLGSQQAEGMAKQMELLCAQAGYERLQQERRLTAGLYRQSSGEQSPDGGGLPSDSSDGQGE  
 RPLNLRIPSVQNRQPHHFVVDGELSRLYSSEAKSHSSESLGILKDYPHSAFTLEKKVIKTEPEDSR

**TRTRPLE** - GFP Tag - V

**Chromatograms:**

[https://cdn.origene.com/chromatograms/ja1634\\_e03.zip](https://cdn.origene.com/chromatograms/ja1634_e03.zip)

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_008667

**ORF Size:** 1458 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\\_008667.3](#), [NP\\_032693.2](#)

**RefSeq Size:** 2984 bp

**RefSeq ORF:** 1461 bp

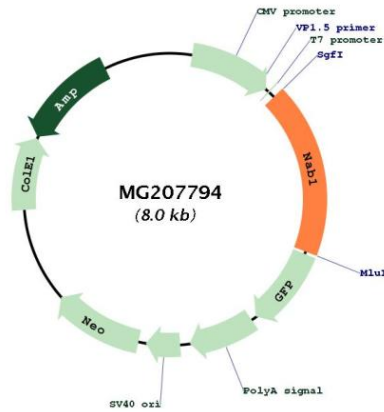
**Locus ID:** 17936

**UniProt ID:** [Q61122](#)

Cytogenetics: 1 26.99 cM

Gene Summary: Acts as a transcriptional repressor for zinc finger transcription factors EGR1 and EGR2.  
[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MG207794