

Product datasheet for **RG207767**

NAB1 (NM_005966) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NAB1 (NM_005966) Human 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:

>RG207767 representing NM_005966
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGCGGCCCTTACCCAGGACCTGGGGAGTTGCAGCTGTATAGAATATTACAAAAAGCCAATCTAC
 TTTCTATTTTGTATGCCTTTATCCAACAAGGTGGTGATGATGTCCAGCAACTCTGTGAAGCAGGAGAAGA
 GGAGTTTTTGGAAATCATGGCACTCGTGGGCATGGCTAGCAAGCCCTTCATGTTAGAAGCTGCAGAAG
 GCTTTGAGAGACTGGGTCAAAACCTGGGCTTTTCAATCAGCCACTGACTTCCCTTCTGTGAGTGTAGCA
 TACCCATCTATAAATTACCAGAGGGATACCAACATGGCTGGGAATATCCTGCAGTAGTTATGAAAGGAG
 TAGCAATGCCCGGAACCTCATTTAAAAATCCCCAAATGTGCTGCCACCACCTGTGTGCAGAGCTTGGGA
 CAGGGGAAGTCAGATGTGGTTGGGAGCCTAGCACTGCAGAGTGTGGTGAGTCCAGACTCTGGCAAGGCC
 ACCATGCCACTGAGAGCGAGCACAGCCTCTCCCCAGCAGACTGGGCTCCCCCGCTCCCCAAAGGAGAG
 CAGTGAGGCGCTGGATGTGCTGCTGCGCTCTCTGTGGCTGAGTGTGGAGCGGATGGCCCCCACTG
 CAAAAAGTGACTTGAATGAAGTGAAGAGCTGCTAAAAACCAACAAGAAGTTGGCCAAAATGATTGGTC
 ACATCTTTGAGATGAACGATGATGATCCACACAAGAGGAGGAAATTCGGAAATACAGTGAATATATGG
 CAGATTTGACTCAAAGAGGAAGGATGGGAAACATCTCACACTTATGAGCTCACTGTTAATGAAGCGGCT
 GCTCAACTCTGTGTGAAGGATAATGCCCTGCTGACAAGAAGAGATGAGCTTTTTGCCTTGGCTCGACAGA
 TTTCTCGAGAAGTCACCTATAAATACTTACAGAACCACCAAGTCAAAATGTGGAGAAAGAGATGAATT
 ATCCCCAAAGAGAATTAAGTGGAGGATGGGTTTCCAGATTTCCAGGATCTGTGCAAACTCTTCCAG
 CAGGCTAGAGCTAAGAGTGAAGAACTTGCAGCTTATGTTACAGCAGCCTGAAAAGGTGATGGCAAAGC
 AGATGGAGTTCCTTTGAACCAAGCTGGCTATGAGAGACTGCAGCATGCCGAGAGGAGTGTCTGCAGG
 GCTTTACAGGCAGAGCTCAGAAGAGCACAGTCTAACGGCTTGACTTCCGATAACTCAGATGGACAAGGA
 GAAAGACCTTTGAATCTCCGAATGCCTAATTTACAGAACAGACAACCCCATTTTTGTGGTGGATGGGG
 AGCTGAGCAGACTTTACCCAGTGAGGCAAAGTCCCACTCATCAGAGAGCCTTGGGATTTTAAAGACTA
 CCCTATTAGCTTTTACCTTAGAAAAGAAAGTCAAAAACAGAGCCTGAAGATTCAAGA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG207767 representing NM_005966
 Red=Cloning site Green=Tags(s)

MAAALPRTLGEQLYRILQKANLLSYFDAFIQQGGDDVQQLCEAGEEEFLEIMALVGMASKPLHVRRLQK
 ALRDWVTNPGLFNQPLTSLPVSSIPYKLEPGSPTWLGISCSYERSSNAREPHLKIPKCAATTCVQSLG
 QGKSDVVGSLALQSVGESRLWQGHATESEHSLSPADLGSPASPKESSEALDAAAALSVACVERMAPTL
 PKSDLNEVKELLKTNKLLAKMIGHIFEMNDDDPHKEEERKYSAYIGRFDKSRKDKGHLTLHELTVNEAA
 AQLCVKDNALLTRRDELALARQISREVTYKYTYRTTKSKGERDELSPKRKIKVEDGFDFQDSVQTLFQ
 QARAKSEELAALSSQPEKVMKQMEFLCNQAGYERLQHAERRLSAGLYRQSSEEHSPNGLTSDNSDGQG
 ERPLNLRMPNLQNRQPHHFVVDGELSRLYPSEAKSHSSESLGILKDYPHSAFTLEKKVIKTEPEDSR

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_005966

ORF Size: 1461 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_005966.4](#)

RefSeq Size: 4499 bp

RefSeq ORF: 1464 bp

Locus ID: 4664

UniProt ID: [Q13506](#)

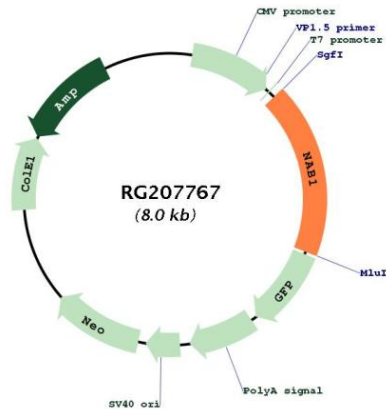
Cytogenetics: 2q32.2

Domains: Nab1, NCD1, NCD2

Protein Families: Transcription Factors

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

Product images:



Circular map for RG207767