

## Product datasheet for **SC324107**

### **NAB2 (NM\_005967) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	NAB2 (NM_005967) Human Untagged Clone
Tag:	Tag Free
Symbol:	NAB2
Synonyms:	MADER
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene sequence for NM\_005967.3  
 GAGGCACAGACAGAGGCGCGGAGGCTCGGAGAGAGAAGACGTGGAGGGAGGGACAGAGCC  
 TGGACAGCGGTGGACACGGCATCGTGCGCGGGGAAGAGGGCAGCACGCAGCAGGCCCGGA  
 GCGCCGGGCACCGAGAAGGGCAGCCCGGTGATCTCCGGCCGTCCATGCACAGAGCGCCT  
 TCCCCACAGCCAGCAGCCGCGGGGAGGGGACAGCGCCCGGACCCTGCAGCCC  
 AGACTCAAGCCCAGTGCCCGAGCCATGGCACTGCCTCGGACGCTGGGGAGCTGCAGCTG  
 TACCGGGTCTCGACGCGCCAACCTCTTCTACTATGAGACCTTCATCCAGCAGGGA  
 GGGGACGACGTGCAGCAGCTGTGTGAGGCGGGTGAAGAGGAGTTTCTGGAGATCATGGCA  
 CTTGTGGGCATGGCCACCAAGCCCTCCATGTCCGGCGCCTGCAGAAGGCACTGAGAGAG  
 TGGGCCACCAATCCAGGGCTCTTCAGTCAACCAGTGCCTGCTGTTCCCGTCTCCAGCATC  
 CCGCTCTTCAAGATCTCTGAGACTGCGGGTACCCGAAAGGGAGCATGAGCAATGGGCAT  
 GGCAGCCCAGGGAAAAGGCAGGCAGTGCCCGCAGTTTTAGCCCCAAGAGCCCCCTTGAA  
 CTTGGAGAGAAGCTATCACCAGTGCCTGGGGGACCTGGGGCAGGGGACCCCCGGATCTGG  
 CCAGGCCGGAGCACTCCAGAGTCGGACGTTGGGGCAGGAGGAGAAGAGGAGGCTGGCTCG  
 CCCCCCTTCTCCCCCTGCAGGGGAGGAGTCCCTGAGGGGACTGGGGTGGGGGGCTG  
 GCAGCAGGTGGGACTGGGGTGGTCCAGACCGACTGGAGCCAGAGATGGTACGCATGGTG  
 GTGGAAAGTGTGGAGAGGATCTTCCGGAGCTTCCAAGGGGGGATGCTGGGGAGGTCACA  
 TCCTGTCTAAAGCTGAATAAGAAGCTGGCACGGAGCGTTGGGCACATCTTTGAGATGGAT  
 GATAATGACAGCCAGAAGGAAGAGGAGATCCGCAATACAGCATCATCTATGGCCGTTTC  
 GACTCTAAGCGCGGGAGGGCAAGCAGCTCAGCCTGCACGAGCTCACCATCAACGAGGCT  
 GCTGCCAGTTTCTGCATGAGGGACAACACGCTCTTATTACGGAGAGTGGAGCTCTTCTCT  
 TTGTCCCGCAAGTAGCCCGAGAGACCTACTTGTCTCTTGAAGGGCTCCAGGCTT  
 CACCCTGAAGAAGTGGGAGGCCCTCCACTGAAGAAGCTGAAACAAGAGGTTGGAGAACAG  
 AGTCACCCTGAAATCCAGCAGCCTCCCCAGGCCCTGAGTCCTATGTACCCCATACCGC  
 CCCAGCCTGGAGGAGACAGCGCCAGCCTGTCTGGGGAGAGTCTGGATGGACATTTGCAG  
 GCTGTGGGGTATGTCCAAGGCTGACGCGCCCTGCTGACCTGCCTCTGGCATTGCCA  
 GCCCATGGGCTATGGAGCCGACACATCCTGCAGCAGACTGATGGACGAGGGGCTGCGG  
 CTCGCCCGCTCGTCTCCACGACCGCGTGGGCCCTCAGCCCCGTGTGCCTGCGAAG  
 CCACCTCTCGCAGAGTTCGAGGAAGGGCTGCTGGACAGATGTCTGCCCCAGGACCCCAT  
 CCCGCGTGGTGGAGGGTCGAGGAGCAGCGTAAAAGTGGAGGCTGAGGCCAGCCGGCAG  
 TGAGGGTTGGACTGGTGTCTTCCAGCCAGGACCTCAGACTTCTGGCTCACACAGACCCC  
 CAGCTCTCCATCCCCGAATCTAGTACAACCCTGGATCCTTCTCTGCCCTTCTCCTG  
 CCTCCCCACCTGCTCCATGGGCATAAGACTGTGGGGCTTCAAGCAATAACAAGCAGAGGC  
 CTGGAGAGAGGACACAAGGAGGGTGCCTGGTGCCTCACCCCTGCCCAGAGCGAGGGGGC  
 AAGGACTCTGCCTCCAGGGCATCTGGGGTTTTCCCTCCCTCACACAACACTCCCATT  
 CTCTTTAGGTTTGCACCAAGTGGTGTGAGCAGTTGGACTCAGTTTGGACAAGGGGAAAGG  
 GGGACTTCCCTGGGAAGGTCCAGCTAAAAGTGGCAACATTTGCCCCAGAATTGGGGGCC  
 TGGGAACACTGGACCTGCTCTTCTCCCTCTCCTTCCCCGTTTTTGTGCTTCTGGTTG  
 TTTCTTTAATTAATTTAACAAGTGTGCAGTTTGCCTCCCATTCATCTATCCCCCAA  
 GTCCTTTGCAATTTCTTCCCTGCCCTACATAGGGGCGGTGGGTGTGGGATCCCTTCACTG  
 GCCCCCTCGGGAGGCTGGGTTGACTCAGGGTCTCCTCAGCTGGGGGCTGGACCGCAG  
 CACCTATCTGAGCAGTTAGAGCGTCTTTCTTTTTCAGATTGTGTACAGTAGATTATTTATT  
 TTGTTATTTTGAATAAAATTTATTTTATGGCTTAGGAAAAAAAAAAAAAAAAA

**Restriction Sites:** ECoRI-NOT

**ACCN:** NM\_005967

**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).

<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_005967.3</a> , <a href="#">NP_005958.1</a>
<b>RefSeq Size:</b>	2725 bp
<b>RefSeq ORF:</b>	1578 bp
<b>Locus ID:</b>	4665
<b>UniProt ID:</b>	<a href="#">Q15742</a>
<b>Cytogenetics:</b>	12q13.3
<b>Domains:</b>	NCD1, NCD2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>This gene encodes a member of the family of NGFI-A binding (NAB) proteins, which function in the nucleus to repress transcription induced by some members of the EGR (early growth response) family of transactivators. NAB proteins can homo- or hetero-multimerize with other EGR or NAB proteins through a conserved N-terminal domain, and repress transcription through two partially redundant C-terminal domains. Transcriptional repression by the encoded protein is mediated in part by interactions with the nucleosome remodeling and deacetylase (NuRD) complex. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>