

Product datasheet for **SC110956**

NAB1 (NM_005966) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NAB1 (NM_005966) Human Untagged Clone
Tag:	Tag Free
Symbol:	NAB1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_005966, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGCGGCCTTACCCAGGACCTGGGGAGTTGCAGCTGTATAGAATATTACAAAAAGCCAATCTAC
TTTCTTATTTTGTATGCCTTTATCCAACAAGGTGGTGTATGTCCAGCAACTCTGTGAAGCAGGAGAAGA
GGAGTTTTTGGAAATCATGGCACTCGTGGGCATGGCTAGCAAGCCCTTCATGTTAGAAGGCTGCAGAAG
GCTTTGAGAGACTGGGTCAAAACCCTGGGCTTTTCAATCAGCCACTGACTTCCCTTCTGTGAGTAGCA
TACCCATCTATAAATTACCAGAGGGATCACAACATGGCTGGGAATATCCTGCAGTAGTTATGAAAGGAG
TAGCAATGCCCGGAACCTCATTTAAAAATCCCCAAATGTGCTGCCACCACCTGTGTGCAGAGCTTGGGA
CAGGGGAAGTCAGATGTGGTTGGGAGCCTAGCACTGCAGAGTGTGGTGAGTCCAGACTCTGGCAAGGCC
ACCATGCCACTGAGAGCGAGCACAGCCTCTCCCCAGCAGACCTGGGCTCCCCCGCGTCCCCAAGGAGAG
CAGTGAGGCGCTGGATGCTGCTGCTGCGCTCTCTGTGGCTGAGTGTGTGGAGCGGATGGCCCCACACTG
CCAAAAAGTGACTTGAATGAAGTAAAAGAGCTGCTAAAAACCAACAAGAAGTTGGCCAAAATGATTGGTC
ACATCTTTGAGATGAACGATGATGATCCACACAAAGAGGAGGAAATTCGGAAATACAGTGAATATATGG
CAGATTTGACTCAAAGAGGAAGGATGGGAAACATCTCACACTTCATGAGCTCACTGTTAATGAAGCGCT
GCTCAACTCTGTGTAAGGATAATGCCCTGCTGACAAGAAGAGATGAGCTTTTTGCCTTGGCTCGACAGA
TTTCTCGAGAAGTCACCTATAAATATACTTACAGAACCACCAAGTCAAAATGTGGAGAAAGAGATGAATT
ATCCCCAAGAGAATTAAGTGGAGGATGGGTTCCAGATTTCCAGGATCTGTGCAAACTCTTCCAG
CAGGCTAGAGCTAAGAGTGAAGAACTTGCAGCTCTTAGTTCACAGCAGCCTGAAAAGGTGATGGCAAAGC
AGATGGAGTTCCTTTGCAACCAAGCTGGCTATGAGAGACTGCAGCATGCCGAGAGGAGGTTGTCTGCAGG
GCTTTACAGGCAGAGCTCAGAAGAGCACAGTCTAACCGCTTGACTTCCGATAACTCAGATGGACAAGGA
GAAAGACCTTTGAATCTCCGAATGCCTAATTTACAGAACAGACAACCCCATTTTTGTGGTGGATGGGG
AGCTGAGCAGACTTTACCCAGTGAGGCAAAAGTCCCCTCATCAGAGAGCCTTGGGATTTAAAAGACTA
CCCTCATTCAGCTTTTACCTTAGAAAAGAAAGTCATCAAAACAGAGCCTGAAGATTCAAGATAG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_005966 unedited
AACACCCAATTCGCACGAGGGTGGGGGGTGCAGAGAGAGCGCGCCACCACCTTCCTT
CCCCCTCGATGGGAGCGGGGGCGTCCCGGCTCCTGCAGCCGACAGAGGAGGAGAGCCG
GGGGCCGTCGCTTCGGAGTTGGGGCTGAGCAGTCTCGGGGAGAGCGGCCAAGACCTTT
GTAGTCGCTGGCTGAGTTAAACCCATCCAGAGTAATGGCTGCGGCCTTACCCAGGACCT
GGGGGAGTTGCAGCTGTATAGAATATTACAAAAAGCCAATCTACTTTCTTATTTTGATGC
CTTTATCCAACAAGGTGGTGTATGTCCAGCACTCTGTGAAGCAGGAGAAGAGGAGTT
TTTGAAAATCATGGCACTCGTGGCATGGCTAGCAAGCCCTTCATGTTAGAAGGCTGCA
GAAGGCTTTGAGAGACTGGGTCAAAACCCTGGGCTTTTCAATCAGCCACTGACTTCCCT
TCCTGTCAGTAGCATACCCATCTATAAATTACCAGAGGGATCACCAACATGGCTGGGAAT
ATCCTGCAGTAGTTATGAAAGGAGTAGCAATGCCCGGGAACCTCATTTAAAAATCCCAA
ATGTGCTGCCACCACCTGTGTGCAGAGCTTGGGACAGGGGAAGTCAGATGTGGTTGGGAG
CCTAGCACTGCAGAGTGTGGTGTGAGTCCAGACTCTGGCAAGGCCACCATGCCACTGAGAG
CGAGCACAGCCCTCTCCAGCAGACCTGGGCTCCCGCGTCCCAAGGAGAGCANTGAGG
CGCTGGATGCTGTGCTGCGCTCTCTGTGGCTGAATGTGTGGACCGTATGCCCCCCCC
TGGCAAAAGTGACTTGAATGAAATGAAAGAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_005966 unedited
GTCTTACTNTGCACCGCGGCCGCTTCTANGATCGAGTTTTTTCTTTTTTTTTGGGAG
GCACAGAAAAATCTTTATTGCCACAGGCAAGCAAGTGCATTTCGTCACCTCACCAACAG
CTTGAAGAGTCACAAAAACGTGGACATCGCACAATAAAGTGTAAGAGACTCGGGGAGAAA
TGGTCCCTTGACTATATTGGCTGTAATACTGAGGTAACCAATTGACCTTGTTCAGTGAA
AATACCTCTAACAAAATGAAAAATCAACTAATTATAACTTCCAATTCACATATACAATT
CAATAAAAAATATATATTATTTGCTTTAATGTATAGCAAGTTAATACATTAGTGTTCAC
AACTAAAAACTGTATTCTACCGAAATTTTTCTGTGCTTCCACCTTATCTACTAAGCTTG
AAAGACTAGAAACCTCACATAGTTAAGGAACTTATTATGAATTTCAAGATGCACTCTGT
GGGTCCACACCGAATGGATACATACTGGAAGCCGGAAGATTACTGCATCTTTTAACTTG
TGGCTTATGAACATCTACAACACTTGCCTGTAACACACAATTAACAAAAACCACAACGTC
TCAAAATAGATTACAATACAGGAAACGTTTCATGACCCTACTGAGATATACTAACCAGCG
CTATGGCTAATATTAATAACTGAACCCCCATTGAACCCCGTACCTCTACTATCTTCTAC
ACACAGTGAACCACCAACCCCCCTACTCACCTCCACCTTACCCCAAGAGTGCAGGG
CCCATAACAAGCTCTTCCGTGAGCAAAACATTATGGTACCATTAATAATCTTCGGAAGG
GGAAAAAGCCTTTTAAACAGTTACAAACCGGCTACTGGCCGCTCCCTCATGCAAAAGCCT
TCCACACACCACAG

Restriction Sites:

NotI-NotI

ACCN:

NM_005966

Insert Size:

4000 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:	<ol style="list-style-type: none">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_005966.3 , NP_005957.2
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]