

Product datasheet for **MC216122**

Nab2 (NM_001122895) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nab2 (NM_001122895) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nab2
Synonyms:	AI451907
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216122 representing NM_001122895
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACAGAGCTCCCTCTCCACAGCGGAACAGCCACCTGGCAGAGGGGATAACACACGCCGGACCCCGC
 AACCCAGATTC AAGGCAAGTGCCCCAGCCATGGCACTGCCTCGGACACTGGGTGAGCTACAGCTGTATCG
 GGTCTGCAACGCGCAACCTCCTCTTACTACGAGACCTTCATCCAGCAGGGAGGAGATGATGTACAG
 CAGCTGTGTGAGGCTGGCGAGGAGGAGTTCTGGAAATCATGGCACTCGTGGGCATGGCCACCAAACCAC
 TCCATGTCCGACGTCTACAGAAGGCTCTGAGAGAATGGGCCACCAATCCAGGGCTCTTCAGCCAACCAGT
 GCCTGTGTGCCGTCTCCAGCATCCCCTTTCAAGATCTCTGAGACAGCTGGTACCCGAAAGGGAGC
 ATGAGCAATGGGCACGGCAGCCAGGAGAAAAGCGGGCAGTGTCTGAAGCTTTAGCCCCAAGAGTCCCC
 TCGAATTGGAGAGAAGTTGTCGCCACTCCCTGGAGGACCTGGGGCAGGGGATCCCCGGATCTGGCCAGG
 CCAGAGCACTCCAGAATCTGATGTTGGAGCAGGGGGAGAAGAGGAGGCCGGGTCTCCCCCTTCTCCCCA
 CCTGCAGGGGGAGGAGTCTCTGAAGGGCTGGGGTGGGGGGTGGCAGCTGGTGGTGCAGGGGGTGGTC
 CAGACCGCTGGAACCAGAGATGGTGCAATGGTGGTGGAGAGTGTGGAGAGGATCTCCGGAGTTTCCC
 CAGGGGTGACACTGGAGAGATCGCATCCCTGTTGAAGCTGAATAAGAAGCTGGCGCGAGCGTGGGGCAC
 ATCTTTGAGATGGACGATCATGACGCCAGAAGGAAGAGGAGATCCGGAAGTACAGCGTCATCTACGGCC
 GCCTGGACTCCAAAAGCGGGAGGGCAAACAGCTTAGCTTGCATGAGCTGACCATCAACGAGGCTGCTGC
 CCAGTTCTGCATGAGGGACAACACTCTTTTACTGCGAAGGGTAGAAGTCTTCTACTGTCCCACAAGTA
 GCCCGAGAGAGCACCTATCTTTCTCTTGAAGGGATCCAGGCTTCACTCTGAAGAATTGGGAGGCCAC
 CACTGAAGAACTGAAACAAGAGGTTGGAGAACAGAGTCACAATGAAATCCAGCAGCCTCTCCAGGCC
 TAGTCTCTATGCACCCCATACCGCCCCAGCCTAGAGGAGGACAGCGCCAGTCTGTCTGGGAGAGCCTG
 GATGGCCACTTGCAGGAGTTCGAGGAGGGTGTCTGGACCCTGCCCTGCCCGGGACCTCATCCTGCTC
 TGGTGGAGGGCCGAGGAGCAGCGTTAAAGTGGAGGCAGAAGCCAGCCGCGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001122895

Insert Size: 1386 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_001122895.1](#), [NP_001116367.1](#)

RefSeq Size: 2401 bp

RefSeq ORF: 1386 bp

Locus ID: 17937

UniProt ID: [Q61127](#)

Cytogenetics: 10 74.6 cM

Gene Summary: Acts as a transcriptional repressor for zinc finger transcription factors EGR1 and EGR2. Isoform 2 lacks repression ability.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an in-frame exon in the 3' coding region, compared to variant 1, resulting in a shorter protein (isoform 2), compared to isoform 1.