

Product datasheet for **MC217429**

Nab2 (NM_008668) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nab2 (NM_008668) 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: >MC217429 representing NM_008668
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCACAGAGCTCCCTCTCCACAGCGGAACAGCCACCTGGCAGAGGGGATAACACACGCCGGACCCCGC
AACCCAGATTC AAGGCAAGTGCCCCAGCCATGGCACTGCCTCGGACACTGGGTGAGCTACAGCTGTATCG
GGTCTGCAACGCGCAACCTCCTCTTACTACGAGACCTTCATCCAGCAGGGAGGAGATGATGTACAG
CAGCTGTGTGAGGCTGGCGAGGAGGAGTTCTGGAAATCATGGCACTCGTGGGCATGGCCACCAAACCAC
TCCATGTCCGACGTCTACAGAAGGCTCTGAGAGAATGGGCCACCAATCCAGGGCTCTTCAGCCAACCAGT
GCCTGTGTGCCGTCTCCAGCATCCCCTTTCAAGATCTCTGAGACAGCTGGTACCCGGAAAGGGAGC
ATGAGCAATGGGCACGGCAGCCAGGAGAAAAGGCGGCCAGTGTCTGAAGCTTTAGCCCCAAGAGTCCCC
TCGAACCTGGAGAGAAGTTGTCGCCACTCCCTGGAGGACCTGGGGCAGGGGATCCCCGGATCTGGCCAGG
CCAGAGCACTCCAGAATCTGATGTTGGAGCAGGGGGAGAAGAGGAGGCCGGGTCTCCCCCTTCTCCCCA
CCTGCAGGGGGAGGAGTCTCTGAAGGGCTGGGGTTGGGGGGTGGCAGCTGGTGGTGCAGGGGGTGGTC
CAGACCGCTGGAACCAGAGATGGTGCGAATGGTGGTGGAGAGTGTGGAGAGGATCTCCGGAGTTTCCC
CAGGGGTGACACTGGAGAGATCGCATCCCTGTTGAAGCTGAATAAGAAGCTGGCGCGAGCGTGGGGCAC
ATCTTTGAGATGGACGATCATGACGCCAGAAAGGAGGAGATCCGGAAGTACAGCGTCATCTACGGCC
GCCTGGACTCCAAAAGGCGGGAGGGCAAACAGCTTAGCTTGCATGAGCTGACCATCAACGAGGCTGCTGC
CCAGTTCTGCATGAGGGACAACACTCTTTTACTGCGAAGGGTGAAGTCTTCTACTGTCCCACAAGTA
GCCCCGAGAGACACCTATCTTTCTTCTTGAAGGGATCCAGGCTTCACTCTGAAGAATTGGGAGGCCAC
CACTGAAGAAACTGAAACAAGAGGTTGGAGAACAGAGTCACAATGAAATCCAGCAGCCTCTCCAGGCC
TGAGTCTATGCACCCCATACCGCCCCAGCCTAGAGGAGGACAGCGCCAGTCTGTCTGGGGAGAGCCTG
GATGGCCACTTGCAGGCTGTGGGGTCTGCCAAGGCTGACGCCGCCCTGCTGACCTGCCCTGGCAT
TGCCAGCGCATGGGCTATGGAGCCGCCACATCTTGACAGCAGACTGATGGATGAGGGGGTGCGGCTCGC
CCGCTCGTCTCCATGATCGTGTGGGCCGCTCAGCCCTGTGTGCCTGCGAAGCCGCTCTCGCAGAG
TTCGAGGAGGGTTGCTGGACCCTGCCCTGCCCGGGACCTCATCTGCTCTGGTGGAGGGCCGCAGGA
GCAGCGTTAAAGTGGAGGCAGAAGCCAGCCGGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_008668

Insert Size: 1578 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_008668.2](#), [NP_032694.2](#)

RefSeq Size: 2593 bp

RefSeq ORF: 1578 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 (1) represents the longer transcript and encodes the longer isoform (1).