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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCACAGAGCTCCCTCTCCCACAGCGGAACAGCCACCTGGCAGAGGGGATAACACACGCCGGACCCCGC
AACCCAGATTCAAGGCAAGTGCCCCAGCCATGGCACTGCCTCGGACACTGGGTGAGCTACAGCTGTATCG
GGTCCTGCAACGCGCCAACCTCCTCTCTTACTACGAGACCTTCATCCAGCAGGGAGGAGATGATGTACAG
CAGCTGTGTGAGGCTGGCGAGGAGGAGTTCCTGGAAATCATGGCACTCGTGGGCATGGCCACCAAACCAC
TCCATGTCCGACGTCTACAGAAGGCTCTGAGAGAATGGGCCACCAATCCAGGGCTCTTCAGCCAACCAGT
GCCTGCTGTGCCCGTCTCCAGCATCCCACTTTTCAAGATCTCTGAGACAGCTGGTACCCGGAAAGGGAGC
ATGAGCAATGGGCACGGCAGCCCAGGAGAAAAGGCGGGCAGTGCTCGAAGCTTTAGCCCCAAGAGTCCCC
TCGAACTTGGAGAGAAGTTGTCGCCACTCCCTGGAGGACCTGGGGCAGGGGATCCCCGGATCTGGCCAGG
CCAGAGCACTCCAGAATCTGATGTTGGAGCAGGGGGAGAAGAGGAGGCCGGGTCTCCCCCTTTCTCCCCA
CCTGCAGGGGGAGGAGTCTCTGAAGGGCCTGGGGTTGGGGGGGTGGCAGCTGGTGGTGCAGGGGGTGGTC
CAGACCGCCTGGAACCAGAGATGGTGCGAATGGTGGTGGAGAGTGTGGAGAGGATCTTCCGGAGTTTCCC
CAGGGGTGACACTGGAGAGATCGCATCCCTGTTGAAGCTGAATAAGAAGCTGGCGCGGAGCGTGGGGCAC
ATCTTTGAGATGGACGATCATGACGCCCAGAAGGAAGAGGAGATCCGGAAGTACAGCGTCATCTACGGCC
GCCTGGACTCCAAAAGGCGGGAGGGCAAACAGCTTAGCTTGCATGAGCTGACCATCAACGAGGCTGCTGC
CCAGTTCTGCATGAGGGACAACACTCTTTTACTGCGAAGGGTAGAACTCTTCTCACTGTCCCGACAAGTA
GCCCGAGAGAGCACCTATCTTTCTTCCTTGAAGGGATCCAGGCTTCACTCTGAAGAATTGGGAGGCCCAC
CACTGAAGAAACTGAAACAAGAGGTTGGAGAACAGAGTCACAATGAAATCCAGCAGCCTCCTCCAGGCCC
TGAGTCCTATGCACCCCCATACCGCCCCAGCCTAGAGGAGGACAGCGCCAGTCTGTCTGGGGAGAGCCTG
GATGGCCACTTGCAGGAGTTCGAGGAGGGGTTGCTGGACCGCTGCCCTGCCCCGGGACCTCATCCTGCTC
TGGTGGAGGGCCGCAGGAGCAGCGTTAAAGTGGAGGCAGAAGCCAGCCGGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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.

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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.

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