

## Product datasheet for **MC203716**

### Nucb2 (NM\_016773) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nucb2 (NM\_016773) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nucb2  
**Synonyms:** A1607786; Calnuc; Nefa; nesfatin-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC010459  
GGCCTCGCGCCCGGGACCCTGCAGAGAAGAACACACCAGTCAGTTTTTCAAGGGAAAATCCTGGGCCAG  
GAGCCAAGTCCTGATCTCTACAACTTAATATTGTGTAGATTATTTACCACCTGAGATCTCAGTGGCCT  
CATCTGTGCAAGAAAGAGAAAATTAAATAATAAAAAAGATAAACCTTGGCCTGTCTGAAGATGAGGTGG  
AGGATCATCCAAGTACAGTACTGTTTTCTTGGTTCCGTGCATGCTGACCGCTCTGGAAGCTGTTCTTA  
TCGATGTGGACAAGACCAAGTACACAACACTGAGCCAGTGGAAAATGCAAGGATAGAGCCACCAGATAC  
TGGACTTTATTATGATGAATACCTCAAGCAAGTGATTGAAGTCTTGAAAACAGATCCACATTTTCAGAGAA  
AAGCTCCAGAAAGCAGACATAGAGGAGATAAAGGAGCGGGAGGCTGAGTCAAGAGCTGGACTTAGTAAGTC  
ACAAAGTGAAGGACGAGACTGGATGAGCTGAAGAGGCAAGAAGTAGGAAGACTGCGGATGCTCATCAAAGC  
TAAGCTGGATGCCCTTCAAGACTGGCATGAATCACCACCTTCTTCTGAAGCAGTTTGAACACCTGAAC  
CACCAGAACTCTAACACATTTGAATCCAGAGATTTGGATATGCTAATCAAAGCAGCTACCGCGGATCTGG  
AGCAATATGACCGGACTCGGCATGAAGAGTTTAAAGAGTACGAGATGATGAAGGAACACGAGCGGAGAGA  
GTATTTAAAAACGCTGAGTGAGGAGAAGAGGAAAAGAAAGAGTCTAAGTTTGAAGAGATGAAGAGGAAG  
CACGAAGACCACCCAAAGTTAATCATCCCGGAAGCAAAGATCAACTAAAAGAGGTTTGGGAAGAGACTG  
ATGGATTGGACCTAATGACTTTGACCCCAAGACATTTTTCAAATTACATGATGTTAACAACGATGGATT  
CCTGGATGAACAAGAATTAGAAGCACTATTCACAAGAGAGTTGGAGAAAGTGTATAACCCACAAAATGCA  
GAGGACGATATGATAGAAATGGAAGAGGAGAGGCTCAGGATGAGAGAACCGTATGAGTGAAGTATGATA  
ACAACAAGACCATTGGTGACTCTGGAGGAATTCCTGAGAGTACAGAGAAGAAAGAAATTCCTGGAGCC  
TGATAGCTGGGAGACACTGGACCAGCAACAGTTATTCACCGAGGACGAGCTTAAAGAGTATGAAAGCATT  
ATTGCTATCCAAGAGAACGAGCTTAAAGAGAGGCGGAAGAGCTGCAGAAAACAGAAGGAGGATCTGCAGC  
GGCAGCACGACCCTCGAGGCGCAGAAGCAGGAGTATCATCAGGCCGTCAGCACCTGGAACAGAAAGAA  
ACTTCAACAAGGCATTGCTCCATCAGGGCCAGCGGAGAGCTGAAGTTTGAAGCCACACACATAAAGTCTT  
GATGTCTGCCAGAACTTGAAGAAAACCGTTGATTCAACATCTATTTTCATCTTTCAACATCCTTTCTTTT  
CTCTCCACTCAATAAATACTTTAAAGCACATTTGGAATAAAGGAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI



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ACCN:	NM_016773
Insert Size:	1263 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"><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>
RefSeq:	<a href="#">BC010459</a> , <a href="#">AAH10459</a>
RefSeq Size:	1598 bp
RefSeq ORF:	1263 bp
Locus ID:	53322
Cytogenetics:	7 F1
Gene Summary:	Calcium-binding protein. May have a role in calcium homeostasis.[UniProtKB/Swiss-Prot Function]