

## Product datasheet for **MC208160**

### Neurod6 (NM\_009717) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Neurod6 (NM_009717) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Neurod6
Synonyms:	Atoh2; bHLHa2; Math-2; Math2; Nex; Nex1m
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208160 representing NM_009717 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGC**

ATGTTAACTACCGTTTGACGAGTCTGTCTGTAATGCCGAATCCAGATGTGCAGAAAGTTTGCTAGAC  
AATGTGAGGACCAGAAACAAATTAAGAAACCAGAGAGCTTTCCAAACAAGTTGCTCCTTCGAGGAAAGAG  
CATTAAAGGGCCCTGGAGAAGAAACCGAGAAAGAAGAGGAGGAAGAAGACAGAGAGGAAGAAGATGAG  
AATGGCTTGTCCAGAAGGAGGGGCTCAGGAAAAAAGACCACCAAACACTGACTGGAAAGGGTCAAGT  
TCAGGAGACAGGAAGCTAATGCGCGCAGAGGAACCGGATGCACGGCCTCAATGATGCTCTGGACAATTT  
GCGAAAAGTGGTCCCCTGTTACTCTAAAACCCAAAACTGTCCAAAATAGAACTTTACGACTGGCCAAA  
AATTACATCTGGGCACTTTCTGAAATCTGAGGATTGGCAAGAGACCGGATCTGCTCACGTTCTGCCAAA  
ACTTATGCAAAGGTCTTTCCAGCCAACACAACTTGGTGGCAGGCTGCTTACAGCTCAACGCCAGAAG  
TTTCTGATGGGTGAGGTGGGGAGGCTGCCACCACACAAGGTCACTACTCCACATTCTACCCACCC  
TACCACAGCCCTGAGCTGGCCACTCCCCAGGGCATGGGACTCTTGATAATCCAAGTCCATGAAACCT  
ACAATTACTGCAGTGCATATGAATCCTTCTATGAAAGTACCTCCCTGAGTGTGCCAGCCCTCAGTTTGA  
AGGTCCCTTAAGTCCCTCCCAATTAACATAATGGGATATTTCCCTGAAGCAAGAAGAAACCTTGGAC  
TATGGCAAAAATTACAATTATGGCATGCATTACTGTGCAGTGCCACCCAGGGGTCCCCTTGGCAGGGTG  
CCATGTTCAAGTTGCCACCACAGCCACTTCCCTTACGACTTACATCTGCGCAGCCAATCTCTCACTAT  
GCAAGATGAATTAATGCAGTTTTTCATAATTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_009717
<b>Insert Size:</b>	1014 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<a href="#">BC087831</a> , <a href="#">AAH87831</a>
<b>RefSeq Size:</b>	1992 bp
<b>RefSeq ORF:</b>	1014 bp
<b>Locus ID:</b>	11922
<b>UniProt ID:</b>	<a href="#">P48986</a>
<b>Cytogenetics:</b>	6 27.53 cM
<b>Gene Summary:</b>	Activates E box-dependent transcription in collaboration with TCF3/E47. May be a trans-acting factor involved in the development and maintenance of the mammalian nervous system. Transactivates the promoter of its own gene.[UniProtKB/Swiss-Prot Function]