

Product datasheet for **MC209023**

Neurog1 (NM_010896) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Neurog1 (NM_010896) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Neurog1
Synonyms:	AKA; bHLHa6; Math4C; Neurod3; ngn1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209023 representing NM_010896 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCTGCCCTTTGGAGACCTGCATCTCTGATCTCGACTGCTCCAGCAGCAACAGCAGCAGCGACCTGT
CCAGCTTCCTCACCGACGAGGAGGACTGTGCCAGGCTACAGCCCCTAGCCTCCACCTCGGGGCTGTCCGT
GCCAGCCCGGAGGAGCGCTCCC GCCCTCTCCGGGGCATCGAATGTTCCCGGTGCCAGGACGAAGAGCAG
GAACGGCGGAGGGCGGAGGTGCGCTCGGGTCCGAGGCTCTGCTGCACTCCCTGCGGAGGAGTC
GTCGCGTCAAAGCCAACGATCGCGAGCGCAACCGCATGCACAACCTCAACGCTGCGCTGGACGCCTTGGC
CAGCGTGTGCCCTCGTTCCCCGACGACACCAAGCTACCAAGATTGAGACGCTGCGCTTGCCTACAAC
TACATCTGGGCCCTGGCTGAGACTGCGCCTGGCAGATCAAGGGCTCCCCGGGGCAGTGCCCGGAGC
GCCTCTGCCTCCGAGTGTGTCCCCTGTCTGCCGGGCCCCGAGCCCGCCAGCGACTGAGTCCTG
GGGTTCCGGGGCCGCTGCCTCCCCTGCGCCACTGTGGCATCACCCTCTCTGACCCAGTAGTCCCTCG
GCTTCAGAAGACTTACCTATGGCCCGGGCGATCCCCTTTCTCCTTTCTGGCCTGCCAAAGACCTGC
TCCACAGCAGCCCTGTTTCATCCCATAACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja1934_d03.zip
Restriction Sites:	Sgfl-MluI
ACCN:	NM_010896
Insert Size:	735 bp



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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">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:	<u>BC062148</u> , <u>AAH62148</u>
RefSeq Size:	1707 bp
RefSeq ORF:	735 bp
Locus ID:	18014
UniProt ID:	<u>P70660</u>
Cytogenetics:	13 30.06 cM
Gene Summary:	Acts as a transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3'). Associates with chromatin to enhancer regulatory elements in genes encoding key transcriptional regulators of neurogenesis.[UniProtKB/Swiss-Prot Function]