

Product datasheet for **MC207554**

Nif311 (NM_022988) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nif311 (NM_022988) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nif311
Synonyms: 1110030G24Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207554 representing NM_022988
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTGTCATCGGCACACCTAGTCCCTACAAGTGTGCAACGTGCCAGTCGTGGATCTGCAGGTCTTCCC
GTTCTTCATGGATCTGAAGGCTCTTCTCTCGTCTTGAATGACTTTGCATCCCTCTCATTGCTGAGAG
CTGGGACAATGTGGGATTACTGGTGGAGCAAGCCACCCACTACTGTAATACACTCTTCTGACCAAT
GACCTGACGGAGGAGGTCATGGACGAGGCTCTGCAAAAGAAGGCAGACTTCATTCTCTCCTACCATCCAC
CTATTTTCCGGCCATGAAGCACATAAATTGAAAACCTGGAAGGAGTGTCTCGTGATCCGGGCTCTGGA
GAACAGAGTCGCTGTCTACTCTCCCCACACAGCCTATGATGCGGCACCCAGGGAGTCAACAGCTGGTTG
GCCAAAGGGCTTGGAACTTGCACTACCAGGCCATCCACCCTTCCAGAGCTCCAGACTACCCACAGAGG
GAGTCCACCGACTAGAATTCAGTGTGAACCGCAGCCAAGACCTGGACAAAGTCATGTCTACACTGAGAGG
GGTTGGAGGTGTCTGTCACTTCTTTTCTGCCAGGTGTGATGGTGAAGAGCAAACCCGGATCAGCCTG
AATTGTAATCAGAAGACTTTGATGCAGGTGCTAGCCTTTCTTTCCAGGACAGACAACCTTATCAGAAAA
CTGAAATTTCTTTCATTGGAGAAGCCTTTGCTTCTGCATACTGGAATGGGACGGTTGTGCACACTGGATGA
ATCTGTCTCCCTGGCAATAATGATAGAGCGAATCAAACACACCTAAAGCTGTGCGCATCTTCGCTTAGCT
CTTGGAGTGGGGAGAACATTAGAGTCCCAAGTCAAAGTTGTGGCCCTGTGTGCTGGTTCTGGGGCAGTG
TTCTACAAGGAGTGGAGGCCGACCTTTACCTCACAGGTGAAATGTCCCACCATGATGTTCTGGATGCTGC
TTCCAAAGGGATCAATGTCATCTTTGTGAACACAGCAACACTGAAAGAGGCTTCTTTCTGAGCTTCAA
GAAATGCTGGGTGTTCACTTTGAGAATAAGATTAACATTATCCTGTCTGAGACAGACAGGGACCTCTCC
GTGTGGTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_022988
Insert Size:	1131 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">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>NM_022988.2</u> , <u>NP_075364.2</u>
RefSeq Size:	2161 bp
RefSeq ORF:	1131 bp
Locus ID:	65102
UniProt ID:	<u>Q9EQ80</u>
Cytogenetics:	1 C1.3
Gene Summary:	This gene is a member of the NGG1-interacting factor 3-like superfamily of transcriptional regulators and is ubiquitously expressed throughout embryonic development. The encoded protein interacts with a component of the constitutive photomorphogenesis 9 signalosome, and functions as a transcriptional corepressor of genes involved in neuronal differentiation. This gene is highly conserved from bacteria to human. [provided by RefSeq, Sep 2016]