

Product datasheet for **MC209824**

Ninj2 (NM_016718) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ninj2 (NM_016718) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ninj2
Synonyms: MGC143502
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209824 representing NM_016718
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGTCAGACCGAGAAACCATCCACCTTCAACACAGGCACTCCATGCGCGGAGGGAACCAGCGCATAG
ACCTGAACTTTTATGCCACCAAGAAGAGTGTGGCAGAGAGCATGCTAGACGTGGCGCTCTTTATGTCCAA
TGCCATGCGGCTGAAATCAGTGTGCAGCAAGGGCCATTCGCGGAGTACTACACCACCTAGTCACCTC
ATCATTGTCTCTGCTCCTGCAAGTGGTCATTAGCCTCCTTCTTGTGTTTCATCGCCATCCTGAACCTGA
ATGAGGTAGAGAACCAGAGGCATTTAAATAAGCTCAACAATGCTGCCACCATCTTGGTCTTCATAACCGT
GGTCATCAACATTTTTATCACTGCTTTCGGAGCACACCATGCAGCCTCCATGGCTGCCAGGACCTCCAGC
AATCCTATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_016718

Insert Size: 432 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).



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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_016718.2</u> , <u>NP_057927.1</u>
RefSeq Size:	822 bp
RefSeq ORF:	432 bp
Locus ID:	29862
UniProt ID:	<u>Q9JL89</u>
Cytogenetics:	6 F1
Gene Summary:	Homophilic cell adhesion molecule that promotes axonal growth. May play a role in nerve regeneration and in the formation and function of other tissues.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).