

Product datasheet for **MC224635**

Nexmif (NM_001077354) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nexmif (NM_001077354) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nexmif
Synonyms:	A230051P11; C77386; Kiaa2022; KIDLIA; mKIAA2022; Xpn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224635 representing NM_001077354 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGATAACCAACAAGATAAAGTTATTGCTGCCTCAGCCAATGGAGACAACAATCTGATTAATGGGGTCA
AAAACAATGACTCAGAGGACCAGGAAGTGGCAATGAAGTCATTCGTAGCTCTAGAAGCTACTACTCCAAT
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GTGTGAGAAAGCTCCATTTGCCATAATGGAACCTGCAGGCATGTCAGCTCTGAACGGAGACTGCCTCATG
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GAAGATTATCTATATGATGTTGACTCGCTAGAGGGGAAAAAGTAAATGAGAGAAAGGAATGGCCTCCAG
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GCCCACAAGGATGAGGCTGGAACAACCTTTTAAAAAAGTGGGATTCCAACATACTCTCTAAAAAG
CAGAAACAGCATTGGGGTTTTACCTGTGTTTGAAGAAGAGACTCACATTTCCAGAAAGACATTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001077354
Insert Size: 4548 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001077354.2, NP_001070822.2</u>
RefSeq Size:	10891 bp
RefSeq ORF:	4548 bp
Locus ID:	245555
UniProt ID:	<u>Q5DTT1</u>
Cytogenetics:	X D
Gene Summary:	Involved in neurite outgrowth by regulating cell-cell adhesion via the N-cadherin signaling pathway. May act by regulating expression of protein-coding genes, such as N-cadherins and integrin beta-1 (ITGB1).[UniProtKB/Swiss-Prot Function]