

Product datasheet for MC224691

Neurl4 (NM_001013414) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Neurl4 (NM_001013414) Mouse Untagged Clone
Tag: Tag Free
Symbol: Neurl4
Synonyms: 0610025P10Rik; BC023037; RP23-172M21.17
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224691 representing NM_001013414
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGCGGGGTGGGTGGGAGTGGGGCTCTGGGGCGGGCCCCGGGCCAGGACCGGGGCCGGCGGGG
 GTGGGGCCCTGGCAGCAGCGGACCAGGCTGGGGTCCGGCGGGGTCTCGCGGTGGCGGGGAGCTGCA
 CCCGCGCACCGGGCGCTTGGTCAGCCTGTCGGCTGCGGGCGCACGGCGGGCGGCAGCAGCCGGCCAA
 GAGTTTAAACCACGGGCTGGTGTGAGCCGAGAACCCTTGCAGATGGACGCGTCTTACCGTCCGCATCG
 ACCGCAAGGTCAACTCCTGGAGTGGCTCCATTGAGATTGGAGTACAGCACTGGATCCCAGTGTGTTGGA
 CTTCCCGAGCAGTGCCACCGGGCTGAAGGGAGGCTCCTGGGTAGTGTGTCAGGCTGCTCAGTGTGCGGGAC
 GGGCGCTCTGTGTTGGAGGAATATGGCCAGGACCTGGACCAGCTTGTGCAAGGGGACCGTGTGGGTGTGG
 AACGCACAGCCACTGGGAGCTCCGGCTCTGGGTAACGGGCGGGATTGTGGTGTGTCAGCCACAGGCT
 GCCTGCTCGTGTCTGGGCTGTTGTGGACCTTTATGGCAAGTGCACCCAGATCACTGTGCTGCCCTCCGAG
 CCAGGCTTCAGCCCTCCACTCCTGTCCACACCTCCCCTTGGCCCTTGCCAGGCTCCAGAAGATTGAG
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 GTTTCCTAACAGCCTTGATTGCGATAATGACTTTGCCAGTATGGAGCTGTCTGAGGTGGTGAAGCAACGCC
 ATCCTGTCTGCCTACAATGGGGCCCTCCTAATGTGAGCCTGAGCTCCCCACCAGCAGGGGACGGACTGG
 CATCCAGTGGGCCAGCCACTTCTCCATCCTCACTTCCAACGATGCCCTGCTCTTCCATGAGAAGTGTGG
 GACCCTCATCAAACCTCAGCAACAATAAGACAGCAGAGCGCCGGAGGCCCTGGATGAATTCAACAAT
 GGAGTTGTCATGACCAACCGCCACTTCGGGATAATGAAATGTTTGGATCCGGATCGACAAGCTTGTAG
 ACAAGTGGTCTGGTCCATCGAGATTGGTGTACCACCCACAACCCCAATAGCCTGGAGTACCCAGCCAC
 CATGACCAACCTGCAGTCAGGCACCATCATGATGAGTGGCTGTGGATCCTGACCAACGGCAAAGGCACT
 CGGCGGGAGTACTGCGAGTTCAGTCTGGACGAGCTGCAGGAGGTTGACCATATTGGCCTCAGGGAAGT
 CCAACTCTGCCCTACACTTCTTCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT
 TGTATATGGTGTAGTAGACTTGTATGGAATGGCAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
 GACCGTCTCCGCCGAACAACGCTATCCTGAGGGCTCTGTCCCCGAGGGTGTCTTTCGTGCTGCTGCC



CTGCAGCCCAGGCAGAACCTGAACGCTTGTCTTCCATCCTAACTGTGGCCAGAAGGCAGCTATACCCA
CGAAGGACGCACTGCCCTGAGGCCCATGCCACTGATGACTTCAATCATGGCGTGGTACTGAGCAGCAGA
GCCCTCCGGATGGAGAGGTGTTCCAGGTGCGCATTGACAAGATGGTGGACAAATGGGCTGGCTCCATTG
AGATTGGTGTCAACCACCATAAACCTGCCTACCTCCAGTACCCTCTACTATGACCAACTTACGCTCTGG
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CTGGACCGCTCAAGGCAGGGGACACCTGGGTGGTGGTGGCGGGGAGGATGGAACGCTCCACTTCTTCG
TCAATGGGATGACTCAGGGCCCTGCTGCCTGGAATGTCCCCCGGGGGTCTATGCTGTTGTTGATCTCTA
CGGCCAGGCTGCCAGGCTACTATTGTGGATGACGTGGAGGTGCCCTCCAGTCTCTGAGCCAACCTCCCTGAA
GGAAACAACCAGATGTCTCCAGTCTCCATCCTCAGCAGCTGGGGGCTCTGACCTTCGCTTCCACCAGC
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CAACGATGCCATTGTCATTTCCAACCGAGCCCTGCGGGATGGAGAAGTGTGAAATGTCATTGAGAAAG
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CCAACACCATGACAGACATTGACTATGATACGTGGATGCTGAGTGGTACAGCTATCATGCAAGATGGCAA
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ACTGCCAAGGGTATCTGCACTATTTTCATTAATGGACAGGACCAAGGCGTGCCTGCTCAGGCTTGCCTC
CGGGTAAAGAGGTGATGCAATGTGGATCTCTATGGCCAGTGTGTCAGTGTCTATACCAATGCTAC
CGGCCCATGGACAACAGCCTGGCCACCAGCAATACTGCCACTGAGAAGTCAATCCCTTGCATTCCCA
GTGGCGGGTGTGGCTCACCGATTCCATAGCATGTGTGGCAAGAATGTCCTGAGGAGGATGGCACAC
GGGCAGTCCGTGTGGCTGGCTACGCACATGGCCTCGTTTTAGCACCAGAGCTCAAGGCTGAAGAAGT
TTTTGAGGTGAAAGTGAAGAGCTAGACGAGAAGTGGGAGGCTCCCTCCGGTGGGGTGAACCACTT
GCACCAGAGGACATGGGGCTGGAGCGGCAGTGGTCCAGGCTGCCTCCTTCTTGCCTGAACTCCGGA
CAAAGACCACCTGGATGGTGTCCAGCTGTGAAGTGAAGGCGTATGGGCACCTCAAAGGATGAACATG
CCGGAACCTCGAGAGACTAGGGGTGGGAAGCCGTGGGCATTGTCGTTGTCAGATGACACAATGTCAT
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GCCGCTTCTCCAGCTCAGACACTGGCAGTGGTGGAGGAAGATGATGAGGTGAGGAGCAGGGGCTG
AGAGGCCAGAATCAAGTGGGATTGTGCCACAGCCCTGAATTCCTGGAGAACCATGGGAAGAATATCC
TCTTATCCAACGGGAACCGCACAGCCACTCGGGTGGCCAGCTATAACCAGGCATCGTTGTCATCAGTCA
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GTTCTGGGAGTTATCACCTGCCACCTGAGAGGCTTAACCTCCCTGCCTGCTGTGCCCTTAAACGGG
CAGCCTGGCTCCTGCGGGCCGGGGTGTCTTCCACAATGGTCTGAAGATCTGTGAGAAGTTTGGGCCAAA
TCTTGACACTGCCCTGAAGGCACCATCCTGGGACTGCGGCTAGACTCCTCTGGAGGGCTTCATCTCCAC
ATCAATGGGGTGGACCAAGGGTAGCTGTACCAGATGTGCCCCAGCCATGCCATGCACTGGTGGACCTCT
ATGGACAGTGTGAGCAGGTGACAATTGTGAGCCCTGACCCAGGGACTGCCAGTGGGAAGATTGCTGGAAC
TCAAGGGGACATGGAAAAGCTGATATGGTAGACGGTATCAAGGAGAGTGTGTGCTGGGGTCCACCGCT
GCTGCTAGCCCTTAAAGAGCTGCGAGTACCATGCCCTTGTCTCCGCTTCCAAGAAGTCTGTTGCTTC
CTGAAGATTATTCATGCCTCCACCGAAGCGTAGCTTATGCTACTGTGAATCTTGCCGGAAGTTGCGAGG
AGATGAGGCCCACAGGCGCCGAGGAGAGCCTCCCCGGGAGTACGCCCTGCCTTTCGGATGGTGCAGGTT
AACCTTAGGGTGAATCCCATCTGGAAGCTGGCACACTAACAAAGAAGTGGCACATGCCATATCATGGA
GCAAGTGTAGCTGTTGTGCGGAGAGTGTGACCGAGGGGAGTTGGGAGCAGGTAACCTCCATCCTGAG
CTGCCGACCTTGAAGGAGAGCCTGGGGTGGGATTTGAGGAGCCTGGTGAAGTGTGACCTCCCGG
GAAGAGCAGCCCCCTCCAGTGTCTCTCCCCCTCCCTTCAAGTATGCCGGGCGAGAGTGTGCGCTCCA
AAGTGCAATTCGGGACCCAAAATCCCAGCGGACACACCAGGCTCAGGTGGCCTTTCAGGTGTGTGTGCG
CCCTGGCTCCTACTCCTGGCCCTCCCTGCGGCCCTCAGAGAAGTCTGACAGCACTTACAGCCCA
TCGGAAGTGTAGTGGTCACTAAGGAGAAGGGAGCCACTCCTCTATGCCCTGCTGGTACGAGTGAAT
AA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001013414

Insert Size:	4692 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_001013414.3</u> , <u>NP_001013432.1</u>
RefSeq Size:	5267 bp
RefSeq ORF:	4692 bp
Locus ID:	216860
UniProt ID:	<u>Q5NCX5</u>
Cytogenetics:	11 B3
Gene Summary:	Promotes CCP110 ubiquitination and proteasome-dependent degradation. By counteracting accumulation of CP110, maintains normal centriolar homeostasis and preventing formation of ectopic microtubular organizing centers (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).