

Product datasheet for **MC202486**

3110035E14Rik (NM_178399) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	3110035E14Rik (NM_178399) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	3110035E14Rik
Synonyms:	AI415019; AV164974; R75066
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC066997 sequence for NM_178399
 GCTTAGGAGACCTGGGACTAGGGCTCCAGAGAGAGGCCACGGGCTCCCGGACACCCTGCAGGGCAGGGG
 GCTGAGACCATGCATCAGATCTACAGCTGCAGTGATGAGAATATTGAAGTTTTACCACGGTGATTCCTT
 CCAAGGTGTCCAGTTCATCCAGGAGAAGAGTCAAGAGCTCTACCACCTTTGGCCAAGAATGTGGTGAT
 CGAGTCCGACCTGTACCCGCCACCAAGGCCCTGGAGCTACTGCCTCAACGCTGTGAGCGCAGGGACACA
 GGTGACCCGAGATGGTTGCAGACTGGCCGGCTGCAGACTGCCAGGCCACCCGGGGCGCATCCCACAAAA
 CGCCCTCCAGACCTGTGGGGATTTCTGAACCCAAAACATCAAATCTGTGTGGGAATCGAGCATATGGGAA
 GTCGTTGATTCCCTCCAGTGGCTAGGATCTCGGTGAAAGCTCCAGCAGGGGCGGAGGTGGCAGCCAAGGGC
 TCAGAACATGGAGCTGTTCTGGGAAGAGGATCCAGACACCTCAAGAAGATAGCAGAAGAGTACCCAGCCC
 TTCCCCAGGGAGCAGAAGCCTCCCTGCCATTAACAGGCAGTACTTCTGTGGCGTCCCTGGCATCTTACG
 AAAAATGTGGACCAGGCACAAGAAGAAGTCTGAATATGTGGGAGCCACCAACAGCGCCTTTGAAGCCGAC
 TAAACTCGACATTTTCATGGGCACCTTGCATTGGTCAAGGTTTCGGAGGAAGATAGAAGAGTTGAGGACTGG
 GACTGAGCCACCCTCCCCTCTGCTGGTTGCTGGTCCAAACACATCATCATTCTTATACTCTGACATGGG
 GCATGGAAGTAACATCCTCAGAAGGCAAGAAAGCTGTTCCCTCAGAACTGCTAAAGCCATTGGTCTTAAA
 GTCGATTGGTCAATTACAAAGTTATATACCTACTTTTTAGGCAAAGCTATACAAAAGCAAACCTTCTCT
 GGCTGTTTTAAAAGCCTCCAAGGAAAACAGAAGGCAGTTGATCTGTCTTCTTTGTGAGTTTTCCAAAAAC
 GTATGGTTTTCTGGTGAAATGTAAAAGTTTGATTCTGAGGTAAGTCTCAGAACAACAGTTCTTACTTTTTCC
 CATCCCATGTCTGTTTTCCCTTGATGAAATACAAAATGCTTATCTTTGCTTTGTTCTAATATCTACTTA
 ACAGCAACCATTGCCAATCTGCTTTGCTAATCATGGTCATGACTGCATGAGCTCTCTCTTCTTTAGGT
 GCATTCCTGTCTATAGAAAAGCACTTAAAATCCCAATGTTAATTTTAAATGTTCTAATATTTTGTGATGTTG
 TGCAATTGACAAGCTTTGTATAGTGACTTTAATCCAGAGAGCATTCTCCCATCATTGTCTCTTCTCACCA
 TTACAAACCCTCTGATAAGAAAGCACTGTGGTCCCAACCTACAGATTGGGACACTAGAGCATCTGGATG
 GCAGTATGTGACTTAACAGCAGCTTGTGGGACTGTCAACAGGTCTGAGCATCTCTAAAATAACTGATTTA
 AGAAAGTCTTTAAATGGAGAGAAGAATCTGACAATGTTGGAACAAGAAGTGATTGGAATGAAATACATC
 ATTTGTGATTAGATAATTAAGACGGGTGCAGAGAACAGGGACCCCAACCGTAAAGAGGTTTCAGACAGGA
 GGATCACATGTTTGGGACATGCCTGGACAGCCTAGCAATATCCTGTCTCAAAAACAAAACAAATCATGCA
 TGGACACACACAAAACAGAGAGGGAGAGAGATTATGCATAGATGAAACCAGAAGAAATCGCCATTTTTG
 TAGGTTGAAACAGCTGAAAATCAATTTCTGTGGCTCAAACATAATTTACTATCATTTAAAAATGATCA
 TGTAAGAAATAATGGTAATCAAAGCTATCATTGTTAAATGCCTACCTGCCTTGTGCTGAGCACAGTGTT
 GAACACCACGCATGAATTAAGCTATTCTTTCTAACAACTAACTTGGGTGGATTTTCTCACTGTATATGTT
 GATACTAATTCAAAAAGTTAAGTGATTAGATTGAAGTCGCCTAACTCTAGGTGTCTAACTTTAATGCC
 ATATTGTATCTTCTCCTTACACAAAATAAGGAAAAGGGAAGGATGGAAATCAGCAAAAACGCTTCTCTCT
 GCAATGGCCTGGGAAGAGGCTACCTGGAGCACAGCGTGGAGATGAGGTATCAGAGTGCAGAGACTGGTTA
 GTGGTATCTGCCTGTGAAGTGGTCGGTAACATAGACCTTATATATTTCTCATCTGTGGCTTAAATTTCTGC
 CCCCCGGAAGTCTTGTCCCTAATTAAGAGGTTTAAATTAATCCGACCTTCTTAATGAAAGCAGAAAACCTC
 CGTGGTAAACTCTACCCTAAGGTTATGTTGAGACTCCGCAGGTGTTGGCACAAGCACGAGTTTGAAGTGT
 TTGGGTATCAGGCTTGTCTGTGTTCTGTGGATTCTGCTTTCTGTTCTGATGCTCTGGATAAACTG
 AAACATGGCGGTAAAGTCAAACCCAGACTCCAGGCTCTTGCTTGTGCTGATTGCTGCCCTCCCACCTCTGC
 TTTAGACCCTGAGCATCTGACCCTCATGTCCAACATAGTCTGGACACTTGGGCATCAAGTGCTTTGTCC
 CAGTGAACCATCTAATGTCATATACAATATTAAGTTGGAATCCAGAACAAGTTAGGGATAAAAACATGTC
 ACAGAGTCTCCAACGATTGAATTTATTTAACTTAAAATTGATGTCTTAAATGTGTGTGTGGCTCCTGG
 AGATTTATTTATATGTAGACTGGGACTCATTTATTTATCTTTAATTTAAATATTTAATGGTGAATGTT
 TGCCTTCTGTAGAACATTTCAATCAAATAAAAATAAAGGATGCCTTGTTAGTGACATTAATAAACCACTT
 GAAGATTGTGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI
ACCN: NM_178399
Insert Size: 624 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:	BC066997 , AAH66997
RefSeq Size:	2969 bp
RefSeq ORF:	624 bp
Locus ID:	76982
UniProt ID:	Q8BG31
Cytogenetics:	1 A2
Gene Summary:	Required for neurogenesis in the neural plate and retina. Strongly cooperates with neural bHLH factors to promote neurogenesis (PubMed:29518376).[UniProtKB/Swiss-Prot Function]