

Product datasheet for **MC210597**

Dyx1c1 (NM_026314) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dyx1c1 (NM_026314) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dyx1c1
Synonyms:	1700010I24Rik; b2b811.1Clo; b2b811Clo; Dnaaf4; EKN1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC210597 representing NM_026314
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGTGCAGTGAGCGAGTTCAGCTGGCAGCAGACGCCGCCACGATCTTCCTGTCGCTGCCTTTGC
 GGGCGTCTGCGTGCGCGATGCTGACGATTCTGTGGGAAAGTTACCTGAAGGTTAACTTCCTCCATT
 TTTATTTGAGCTGTTTCTCTATGCTCCTATAGATGATGGGAAGAGCAAAGCCAAGATTGGAAATGACACG
 ATTCTTTTACATTGTATAAAAAGGAGCCAGTTCTGTGGGATAGCCTTTCTGTGCCGGGTGTTGATAAAG
 AGATGATGCAGAGAATAAGAGAAAAATCTATCTTGCAAGCACAGGAGAAAGCAAAGAGGCCACAGAAGC
 AAAAGCTGTTGCCAAGCGAGAAGACCAGAGATACGCACTAGGCGAGATGATGAAGATTGAAGAAGAAGAG
 AGGAAAAAATAGAAGATATGAAAGAAAATGAACGGAAAAAGGCAACTAGCGAATTAGAAGCGTGGAAAG
 AATGTCAAAGAAAGCTGACGGACAAAAAAGAGTCCAGAGGAAGGAGAAACCGCTCGAGGGAAAGCAAGC
 TGAAGAGACCAAAGCTCTAAAACCTCGGGGTTTGCCCGGAAGGCCACCCACTCGCCTCCCCACAAGA
 GGGAGGAATTGGGAAAACATATTTCTGAGAAGTTAAAGGAAGACAGAGTCCCTGCGCCTCGCTCCGCTG
 GCAGTATTCAAATCAGCTTTACCCCTCGAGTGTTCCCAACAGCACTTCGGGAATCCCAAGTCGCAGAAGA
 GGAGGAGTGGCTGCATAAACAAGCAGAAGCACGGAGGCCATGAGCACTGACCTTCTGAGTTCTTTGAC
 TTTAAAGAAGAAGAGAGGAATCCAGACTGGTTGAAAGACAAGGAAACAAATTGTTTGCAACAGAAAAC
 ATTTGGCAGCGGTTGATGCATATAATTTAGCCATACGACTGAACTGTAAGATCCCATTATTGTATTTGAA
 TCGGGCTGCTTGCCACCTCAAATTA AAAAACCTACACAAGGCCATCGAGGACTCTTCTAAGGCACTAGAG
 TTATTGACACCACCTGTTGCTGACAATGCAAGTGAAGGATTGAAGGACACGTCGACGAGGGACAGCGT
 TCTGTCAACTAGAATTGTATGTTGAAGGCTTGAAGATTATGAAGCTGCACTTAAGATTGACCCAGCCAA
 CACAGTTGTACAGAACGATGCAGAGAAGATTCGGAATATAATTC AAGGGACGGCACTGAAGTCTCGTGAC
 TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_026314

Insert Size: 1263 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.

RefSeq: [NM_026314.3](#), [NP_080590.3](#)

RefSeq Size: 1978 bp

RefSeq ORF: 1263 bp

Locus ID: 67685

UniProt ID: [Q8R368](#)

Cytogenetics: 9 D

Gene Summary: Involved in neuronal migration during development of the cerebral neocortex. May regulate the stability and proteasomal degradation of the estrogen receptors that play an important role in neuronal differentiation, survival and plasticity (By similarity). Axonemal dynein assembly factor required for ciliary motility.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.