

Product datasheet for **MC210598**

Dyx1c1 (NM_001163725) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dyx1c1 (NM_001163725) 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)
Fully Sequenced ORF:	>MC210598 representing NM_001163725 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCAGTGGGAGTGAGCGAGTTCAGCTGGCAGCAGACGCCGGCCACGATCTTCTGTGCTGCCTTTGC
GGGGCGTCTGCGTGCGCGATGCTGACGTATTCTGTGGGAAAGTTACCTGAAGTTAACTTTCTCCATT
TTTATTTGAGCTGTTTCTATGCTCCTATAGATGATGGGAAGAGCAAAGCCAAGATTGAAATGACACG
ATTCCTTTTACATTGTATAAAAAGGAGCCAGTTCTGTGGGATAGCCTTTCTGTGCCGGTGGGAGGAATT
GGGAAAACATATTTCTGAGAAGTTAAAGGAAGACAGAGTCCCTGCGCCTCGCTCCGCTGGCAGTATTCA
AATCAGCTTTACCCCTCGAGTGTCCCAACAGCACTTCGGGAATCCCAAGTCGCAGAAGAGGAGGAGTGG
CTGCATAAACAAGCAGAAGCAGGAGAGCCATGAGCACTGACCTTCTGAGTTCTTTGACTTAAAAGAAG
AAGAGAGGAATCCAGACTGGTTGAAAGACAAGGGAAACAAATTGTTTGAACAGAAAACATTTGGCAGC
GGTTGATGCATATAATTTAGCCATACGACTGAACTGTAAGATCCCATTATTGATTTGAATCGGGCTGCT
TGCCACCTCAAATTAACCACTACACAAGGCCATCGAGGACTCTTCTAAGGCACTAGAGTTATTGACAC
CACCTGTTGCTGACAATGCCAATGCAAGAATGAAGGCACACGTCGACGAGGGACAGCGTTCTGTCACT
AGAATTGTATGTTGAAGGCTTGAAGATTATGAAGCTGCACTTAAGATTGACCCAGCCAACACAGTTGTA
CAGAACGATGCAGAGAAGATTCGGAATATAATTCGAAGGACGGCACTGAAGTCTCGTACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja3120_e09.zip
Restriction Sites:	Sgfl-MluI
ACCN:	NM_001163725



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Insert Size:	903 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_001163725.1</u> , <u>NP_001157197.1</u>
RefSeq Size:	1618 bp
RefSeq ORF:	903 bp
Locus ID:	67685
Cytogenetics:	9 D
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks exons in the coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>