

Product datasheet for **MC221554**

Cdk11b (NM_007661) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdk11b (NM_007661) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdk11b
Synonyms:	AA989746; Cdc2l1; Cdc2l2; Cdc11b; Cdk11; CDK11-p46; CDK11-p58; CDK11-p110; p58
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221554 representing NM_007661
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTGATGAAAAGACTCTTGAAAAGTAAAACGTTAGATGAAATTCCTCAGGAAAAGAAACGAAGGA
 AAGAACAAGAGGAGAAAAGCAGAGATAAACGCTTAAAAAATTCTGATGACCGCGATTCCAAAAGGGATTC
 CCTTGAGGAGGGGAGCTGAGAGATCACCGAATGGAGATCACAATCAGGAACTCACCATATAGAAGAGAG
 GATTCTATGGAAGACAGAGGAGAGGAGGATGATTCTCTGGCCATCAAACCACCCAGCAAATGTCTCGGA
 AAGAAAAGGCTCATCACAGAAAAGACGAGAAAAGAAAAGAAAACGTCGACATCGTAGCCATTCAGCAGA
 GGGAGGAAAACATGCCAGAGTAAAAGAGAAAAGAAAAGGAGCACGAACGCCGAAAACGCCACCGAGAAGAA
 CAAGATAAAGCTCGAAGGGAGTGGGAAAAGACAGAAGAGGAGGAAATGGCGAGAGAACATTCAGAAGAG
 AGAGGGACCGCTGGAGCAGTTAGAAAAGGAAGAGGGAGCGGGAGCGCAAGCTGAGGGAGCAGCAGAAGGA
 GCAGCGGAGCAGAAGGAGCGGGAACGGAGGGCAGAGGAGCGCCCAAAGAGAGAGAAGCGCGTAGGGAA
 GTCTCTGCACATCACCGTACCATGAGGGAGGAGTACAGTGATAAGGGGAAGGTTGGCCACTGGAGCCGCA
 GCCCTCTGAGGCCACCAAGAGAGCGCTTTGAGATGGGAGACAACCGGAAGCCAGTAAAAGAAGAGAGAGGT
 GGAAGAGAGAGACTTGTGTGACAGCTCCAAGACATCAGTGACAGCGAGAGGAAAACAGCTCAGCTGAG
 TCTTCATCAGCAGAAATCAGGCTCAGGTTCTGAAGAGGAGGAGGAGGAAGAAGAAGAGGAGGAAGAAGAAG
 AAGGGAGCACCAGTGAAGAATCAGAGGAAGAAGAGGAAGAAGAAGAGGAGGAGGAAGAAGAGGAGACTGG
 GAGCAACTCTGAGGAGCCCTCTGAACAGTCCGCAGAAGAAGTCAAGTATGAGGAAATGAGTGAAGATGAA
 GACAGAGAAAACGAGAACCACATCTTGGTTGTTCCAGAGTCAAGATTTGACCGAGATTCTGGGGACAGTG
 AAGAAGGGGAGGAAGAAGTTGGTGAAGGGACTCCACAGAGCAGTGCCCCACCGAAGGAGACTATGTTCC
 TGACTCTCCAGCACTGTCACCTATTGAGCTAAAACAAGAAGTCCCAAATACCTGCCAGCCCTGCAGGGA
 TGCAGGAGTGTAGAGGAGTTTCAGTGTCTGAACAGGATTGAAGAAGGCACCTATGGGGTGGTCTACAGAG
 CAAAGGACAAGAAAACAGATGAAATTTGGGCTCTGAAGCGGTTAAAGATGGAGAAGGAGAAGGAAGGCTT
 CCCAATCAGTCGCTGAGGGAAATCAACACCATCTCAAGGCCAGCACCACAACATCGTACCCTCAGG
 GAAATTTGTGGGAAGTAAATGGACAAGATCTACATTTGTGATGAACTACGTGGAACATGACCTCAAGA
 GCCTAATGGAGACCATGAAGCAGCCCTTCTGCCAGGGGAGGTGAAGACCCTGATGATTCAGCTGCTGAG
 TGGGGTAAAGCACCTCCATGACAATTGGATCCTACACCGTACCTGAAGACCTCTAACCTCTGCTGAGC
 CATGCTGGCATTCTCAAGGTGGGCGACTTTGGGCTGGCTCGGGAGTATGGTTACCCCTAAAGGCCTACA
 CTCAGTTGTTGTAACCTGTGGTATCGTGCCCCAGAAGTACTGCTTGGTGTAAAGGAATCTCCACAGC
 TGTGGACATGTGGTCCGTAGGCTGCATATTTGGAGAAGTCTGACACAGAAACCTCTGTTCCCTGGGAAG
 TCAGATATTGATCAGATTAACAAGATTTCAAGGACCTGGGTAAGTCTAGTGAGAAAATCTGGCCTGGCT
 ATAATGACCTCCCAGCCGTCAGAAGATGACCTTCAGCGAGTATCCCTATAACAACCTCCGCAAGAGATT
 TGGGGCTTTGTTATCAGATCAAGGCTTTGATCTCATGAACAAGTCTCTGACATACTACCCTGGCAGGAGG
 ATCAACGCAGAAGATGGCCTCAAGCAGCAATATTTCCGAGAGACTCCCTCCCATCGACCCATCCATGT
 TCCCCACGTGGCTGCCAAGAGTGAAGCAGCAGAGAGTGAAGCGAGGCACGAGTCCACGGCCTCCTGAGGG
 CGGCCTGGGCTACAGCCAGCTGGGTGATGATGACCTGAAGGAGACGGGCTTCCACCTCACCACCACCAAC
 CAGGGAGCCTCAGCTGCAGGCCCTGGCTCAGCCTCAAGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_007661
Insert Size: 2355 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:	NM_007661.3 , NP_031687.2
RefSeq Size:	2589 bp
RefSeq ORF:	2355 bp
Locus ID:	12537
UniProt ID:	P24788
Cytogenetics:	4 86.73 cM
Gene Summary:	Plays multiple roles in cell cycle progression, cytokinesis and apoptosis. Involved in pre-mRNA splicing in a kinase activity-dependent manner. May act as a negative regulator of normal cell cycle progression.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).