

Product datasheet for **MC221326**

Chadl (NM_001164320) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chadl (NM_001164320) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chadl
Synonyms:	AY100452; D930017K21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221326 representing NM_001164320
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGAGGCCCCAGAGCTCCATCTGGGTCTTTATGCTGTTGCTGTTTCATGGTGTGCTCCAGAGCCCAG
 CCTGGCACGTAGCTGCCAGCGATGCCACAGACCTGTGTCTGCGACAACCTCAAGACGGCATGTTACCTG
 CCGGCACCCAGAACCTCACCGAGGTGCCAAACACCATCCCTGAGCTGACCCAGAGGCTGGACCTCCAGGGC
 AATATACTGAAGGTCTCCCTGCAGCGGCTTCCAGGACCTGCCCCACCTCACGCATCTGGACCTGCGGA
 ACTGTCAGGTGGAGATGGTGGCCGAGGGTGCCTCCGTGGCTGGGTGCGCTGCTCCTCAACCTGGC
 TTCCAACCGCTGAGCACCTGCCCCAGGAGCGCTGGACGGCTGGGCTCGCTGAGGCGCTGGAGCTG
 GAGGGGAACATGTTGGAGGAGCTGCGCCCGGGACCTTCGGCGCCTGGGCTCGCTGACCACTCTCAACT
 TGGCCACAACGCCCTGGTCTACCTGCCGCCATGGCCTTCCAGGGGCTGCTGCGCACCCGCTGGCTGCA
 GCTGTCTACAATGCGCTCAGCGTCTGGCCCCGAGGCTCTGGCCGGCTGCCGGCGCTGCGCCGTCTC
 AGCCTGCACCACAACGAGCTGCAGGCCCTGCCCGGGGCCCTGTCCCAGGCCCGCAGCCTGGCGCGGC
 TGGAGCTGGGTACAACCCGCTCACCTACACGGGAGAGGAGGACGGCTGGCGCTGCCCGCCTGCGGGGA
 GCTCGACTGGACCACGGGTCCCTGCAGGCCCTGGGGCCCCGGGCTTCGCCACTGCCCGCCTGCGAC
 ACCCTCGACTCCGCGGGAACGAGCTCACACCCTGCCCCGCTACAGGTCCCAGGCCAGCTGCGCCGCC
 TGGCGTGCAGGGCAACCCGCTGTGGTGCCTGCCACGCACGGCCCTGCTCGAGTGGTGGTGGCGCGC
 TCGGGTGCCTCGGATGGCGCTGCCGGGGCCCGCGCCTGCGAGGCGAGGCCCTGGATACGCTGCGG
 CCCTCTGACTGCGCTGCCCGGGCAGCGCGGCGGGGACGGGATGGGACGAGGACGAGGACCGCC
 CGGCCGGTCCCCGCGCTCCTCCTTTCGCTCCCCGCACGGAGAGGCCGCTGGGCCACGCCCTGCCCTCC
 AGCCTGCGCGTGGCTCGCCGAGACCCGGCACAGCACTTGGACGGCCCGGCTGCAGGCCGTGCCCGC
 GGCTTCCCAACGACACCCAGCTCCTGGACCTGAGGCGCAACCACTTCCCTCGGTGCCCGCGCGGCT
 TCCCGGGCTTGCGCCACTTGGTGTGCTGCACCTGCAGCACTGCGGCGTGGAGCTGGAGCCCGCGC
 CTTGGCCGGCTGGACCGCTGCTATCTCTACCTCTCCACAACAGCTCTCGGGCTGAGCGCCGCC
 GCCCTCGAAGGGGCCCCAACCTGGGCTACCTGTACCTGGAGCACAACCGCTTCTGAGGATCCCGGGGA
 CCGCTCTGCGGGCCCTACCCACCCTGTCTGCTACACCTCCAGGACAACCGGTGGACCGCTGGCGCC
 CGGGATCTGGCAGGAGCGGGCTTTGCGCTGCCTTTACCTGAGTGGCAATCACATCACCCAGGTTTCA
 CCCGGGGCGCTCGGTCCAGCGCGGAGCTGGAGAAGCTGCACCTGCAGAGAAACCGCTGCGAGAGGTGC
 CGACTGGAGCCTTGGAGGGGCTGCCGGCCTCAAGGAGCTGCAGCTCTCGGGGAACCCGCTCCGGGCTCT
 TCAGACGGCGCCTTTCAGCCCGTGGGGCGGTGCTGCAGCAGCTCTTCTGAATAGCAGTGACCTGGAG
 CAGATTTCTCCAGGGCCTTCTCAGGCCTGGGAAAAGGGCTGCGGAGCTTGTACCTGCACAAGAATCAAC
 TTCAGTCCCTGCCTGCCCGCTGGGGCTCAGCGGGCTGGAGCTGGTGCACCTCAGCGGTAATCCTTTCCA
 CTGTGACTGCCAGCTGCTCCCGTGCACAGGTGGCTCACTGGGCTGAACCTGCGGGTGGGTGCCACCTGT
 GCCACCCTCCAGTGTCCGTGGCCAGAAGGTGAAGGTTGCAGCTCCTGTCTTTGAAGCTGCCAGGCT
 GGACTGCCAGGAAGGCCAAGAGGACCAACCTCCAGAGGCAAGTCCAGGAGAACTCCAGCCTCAGCCG
 ACATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001164320
Insert Size: 2247 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_001164320.1 , NP_001157792.1
RefSeq Size:	2547 bp
RefSeq ORF:	2247 bp
Locus ID:	214685
UniProt ID:	E9Q7T7
Cytogenetics:	15 E1
Gene Summary:	Potential negative modulator of chondrocyte differentiation. Inhibits collagen fibrillogenesis in vitro. May influence chondrocyte's differentiation by acting on its cellular collagenous microenvironment.[UniProtKB/Swiss-Prot Function]