

Product datasheet for **MC221926**

Cdcp1 (NM_133974) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdcp1 (NM_133974) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdcp1
Synonyms:	9030022E12Rik; AA409659; E030027H19Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_133974, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCACTCGGCTGCGGGTTCAGTCGCACTGCTGGGGCCCTGCTGCTGGGCACAGCAGCCTGC
TGCGCGGGACAGAAGCATCTGAGATTGCTCTGCCCCAGAGAAGTGGCGTCACAGTGAGCATCAAGCTGGG
GAACCCAGCCCTCCTGTGAAAATCTGCTACATCGTCATGTCTAGACAGCATATAACCGAGTTGATTATC
AGACCTGGAGAAAAGAAAGTCTTTTACCTTTAGCTGCAGCAATCCAGAGAAGCACTTTGTCTTGAAGATCG
AGAAGAATATTGACTGCATGTCAGGCCCGTGTCTTTTGGGGAGGTTTCATCTTACGCCATCCACATCAGA
GCTACCCATCCTCAACAGAACCTTCATCTGGGATGTTAGAGCTCATAAGAGCATTGGCTTGGAGCTGCAG
TTCGCAACCCCTCGACTGAGGCAGATTGGACCAGGCGAGAGCTGTGCAGACGGGGTGACTCACTCCATCA
GTGGCCATATAGATGCCACTGAGGTGAGAAATGGGACCTTCTGCAGTAACGGCACCGTGTCCCGGATCAA
GATGCAAGAGGGTGTGAAAATGGCCTTACACCTGCCCTGGTTCCACCGCAGGAACGTCTCAGGCTTCAGT
ATTGCAAATCGGTTCATCTATCAAACGCCTGTGCATCATCGAGTCAGTATTTGAGGGTGAAGGCTCAGCAA
CTCTGATGTCAGCCAACCTACCCAGGAGGCTTCCCTGAAGATGAGCTTATGACCTGGCAGTTTGTGTCCC
CGCACACCTAAGGGCCAGTGTCTCTTCCCTCAACTTCAATGTCTCCAACCTGTGAGAGGAAGGAGGAACGC
GTTGAATACTATATCCCAGGCTCCACCACCAACCCAGAGGTGTTCAAGGCTGGAGGACAAGCAGCCAGGAA
ACATGGCTGGAACTTCAACCTCTCCCTGCAAGGCTGCGACCAGGATGCCCAGAGCCAGGAATCCCTTCG
GCTTCAGTTCCAGGTCCTGGTCCAACGTCCACAGGATGAAAGCAATAAAACCTACATGGTGGACCTGAGT
CGTGAGCGAACCATGTCGCTCACCATAGAGCCACGGCCAGTAAACATGGCCGCAGGTTTGTTCCTGGGT
GCTTCGTGTGTCTAGAGTCTCGGACTTGTAGTACCAATGTCACCCTGACAGCTGGCTCCATACACAAGAT
TTCTTCTGTGCGATGACTTACACGCCTGTGGGTGAATGTGGGAAAACCTAAGTTGCCTGGACCAC
CGTACTGCTATAGGCAGTCTTCAAACCTGCAGGTGCTGACTATATCCTCCAGCTGCCTGTACAGGTGC
ATGACTTCTCCTGGAAGCTACTGGTGCCCAAGGACAAGCTCAGCCTTATGCTGGTGCCAGGCCAGAAGCT
GCAGCAACATACGCAAGAGAGGCCTTGTAAACACAGCTTCGGGTACCACGTGACCAGCACCACCCCTGGC
CAGGACCTGACTTTGGTTCCTTCTGCTCAGGAGGCTCCATCGAGAAGATCCAGGTGAAGCAAAATAGCT
CGGTGACACTGAGAGCCTATGCTCCCAGCTTCAACAAGAAGTCTCCAAGCAAGGCTGATAGTGCCTA
TACACCGTATTTCAAAGAGGAAGGCATCTTACGGTGACCCAGACACAAAAACAAGGTCTACCTAAGA
TCACCAACTGGGACCGTGGCTGCCTGCCCTCTCCTCAGTGTCTTGAACATCAGTGTGCCTAGCAACC
AAGTGGCTTGTCTGACCGTCTTGAAGAGCGTTCTGGCTTGGCCTGCCAGTCAGGGCGTGCATTTCATGAT
CATCCAGGAGCAGCAGTCCCGGGCAGAGGAGATCTTCACTTGGAGGAGGAAGTCTGCCTAAGCCAAGT
TTCCACCATCACAGCTTCTGGGTAAACATCTCCAATTGCAGCCCCATGAATGGCAAGCAGCTAGATTTGC
TCTTCTGGGTGACTCTTACCCCGAGGACTGTAGATTTGGCTGTCGTCATTGGTGCAGCAGGAGGTGGAGC
TCTGCTGCTGTTTGCCTGGTACTCATCATCTGCTTTCGTGAAAAAGAAGAAGAAGGTGGATAAAGGTCTCT
GCTGTGGGTATCTATAATGGCAATGTCAATACCAGATGCCCCAGACCCAAAAGTTCCCGAAAGGGCGAA
AAGACAATGACTCCCATGTGTATGCTGTGCATCGAAGACACCATGGTGTATGGGCACTTGTGCAGGACTC
GGGTGGATCCTTCATCCAACCAGAGGTGGACACCTACCGGCCCTTCCAGGGCCCCATGGGAGACTGCCCT
CCCACCCACCCCTCTATTCTCCAGGACCCCAACTGCAAAGTTCAGTGCAGAGGAGCTGGCTCCTAGTA
GCCCTCCTGAGTCTGAGAGTGAACCTTACACTTCTCGCATCCCAACAAGGGGGAGATTGGTGTAGGGA
GACTGACATCCCCTTACTCCATACCCAAGGACCAAGTGGAGACTGAAGAGTAA
    
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Restriction Sites: Sgfl-RsrII
ACCN: NM_133974
Insert Size: 2502 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	BC085253 , AAH85253
RefSeq Size:	3847 bp
RefSeq ORF:	2502 bp
Locus ID:	109332
UniProt ID:	Q5U462
Cytogenetics:	9 F4
Gene Summary:	<p>May be involved in cell adhesion and cell matrix association. May play a role in the regulation of anchorage versus migration or proliferation versus differentiation via its phosphorylation. May be a novel marker for leukemia diagnosis and for immature hematopoietic stem cell subsets. Belongs to the tetraspanin web involved in tumor progression and metastasis. [UniProtKB/Swiss-Prot Function]</p>