

Product datasheet for **MR214051**

Cped1 (NM_001081351) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Cped1
Synonyms:	6720481P07; A430107O13Rik; AI552584
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR214051 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCTGTCGACCCGGGTTCTTTGTCGCCGGCGATTTTGCCCCGACCTTTCTGGTGGGTTTGGTGG
TGGCGATCTGTCTCTTTTACCAGACCCTGACACTCCGAGGGACTAAGAAGATTGCAGCGGACGTCTCTGG
CACTGTCCACACACACCTCTCAAACCTAGGCTAGCAGATGTGAAGAAGGATACCGGCAGGACAAACAA
TGCTTCCTTCTCTCTGCGAGTACCCAGGAAACCAGGAAGATTGAAGAATCGATTGAGAGACACTTCGGCA
GTCTCAGCAGAAGGGCCGTCTCCACAGGCCTCCTTCTCCAGCAGAGCACAGCTTCAGATACACCAGCA
CCTTCTTGCTCAGCATGGATACAGCGTTTGTCACTGTGGAAGAAAGGCTTGGTGGTGGTCTAGGTCGGAG
CTGCTGGACCAAGGTGGTTTGAACCTCTGGGATCTGTTCAATTTGCCTGCCTTCTAGGGAAGCTGATGGGA
AACCTGCATACCCAGGAGCACATGTGTCGACTAAGCCTACATCAAAGGTAATGTGTTACCAGAAAT
ACAGCCTCAGCTTTGCAGGAGAGAAGGCTTGTGTGAAATAACCAGAAGATTTCCAGAATTTGCACTTCCA
GTGAGTTCCTCTGTGTGCTGGATCAGGAGACACAGTCACGGCTGAGGGTTTCCAGTCATCTCTCAAAG
CAGAGAAGCCACATGTATGGAACCTCGGGACTGGCACCAGCAACAGTTGAATCTGACTACAGTCGTTGC
CCCGCACGAAGCAATCTCCAGAGCAGAAGAGTATCTGTGATTCTTAAGGCATATGTGTTGGTGACCTCC
TTAAGGCCCTTTCGGGCCCTTCATTCACTTCACTGGCAGGATGGAGCCCAACCAAGAAAGAAACGCTTCA
CTGTCAAGCTGCAGATGTTTTTGTGAGACATTCTGAGGACCAGTTCCGCTCTGCAAGCACTGGACAGCAT
GAAGGAAGCCATTAGCAAGCTCTGTTGGTAGCTGAGGTGTTTAGTGACGCATCTACTCTGGGACCAAG
ACCTTCAATAGATGTATACAGTGTTTTAGCTTTTAACTTTGATGTTGGTTATGGAGATTCAGGATATC
CTGTGGTGCTCCAGGTACATGAACATTTACATTTTACGATGATGAGAATTTACGCGCGGAGGACCAAAA
TGCGGAAAAATATTATTTAAGGGATACTTTCGACTTCCTCTTCTCCAATGCGTCTTCACTGTCCATGGTT
TCTGAGATGTTGCAGAGCGTGACTCAGCAGGTGCATTCGTGGACGGAACTATGAAAAGGAATTAATC
AGTGCTGTGCTTCGAGGAAATTCACCTCAATTAGGACTTTTGTAAAGGAACCTGGGAGTTTGGGACAATT
CCAAGTGTCTTCCCGTCCAGTGTTCTGGGATTCGGTCTCTGATGGGTGAATTTATGATATGGCAACT
CCTGGCTCAGTCCGTGTCGAGTACTGGTCCCTTTTAAATGATTTGAACAATTTTGGCTCATGAATAAAA
AGGCACAGCTACAGCCACTGGAATGGAATCTCCGACAAGAAATGAGACCATTGAGGAACCAACCCAGGTC
ACTGGAAGGAATCCAAAGTGGAAAAGATGCAGCTCCACGATTTTGTTCGAAAATAAGATATACATTGC
AGTGATGAGGAAGATGTGCTCTGCCATATCAAGAAGATCATACCCACCCCGTTTAGAACTCAGTCCCG
AGTTTAAATCCGAAGATCAAAGAGTATTACTGTGAAGTGCCATTTCGATGTGCTAACTGTGAGGATCGGAGC
AGAGACCTCAAAGTGTCAGTGCAAGGCGCACCTGCAGGAGCAGGCAGGGCCAAGTTTGGCCACCTATCCT
CTGGGAATAGGAATGAACAGAACTCTCTGTGCTTGTGGTGACGAGTCTCACGCGAGGGGTGCCGCCCTAA
CCACGTATAAACTACCATCTATAGAGAAGATCGCCCGAGTCTGCCCTTCTTCGAGGACTTCACAGCGTG
CGGCTTTGTACAAGATTGTGACTTATTGATTACCCAGAAAGAACTGTGGGTTGCAGCCTATTTCTGCA
GAATACATTAAGGCCATTTACAGCCTGAAATAGAGAGTTGTCCATCTGGGGACACTAAAGGCCAGTGGA
TTGTGCCCTGCCTTACTTGTTACAGACAACAGGACCTGTGACTGGAGAGAAATAACCTGGCAACACACAA
CTGCCAACACAACATTCTAACCAAGCCAGAACTTCAACAGTGCCTACAAGGAAGAAAGATTCTTTTCATA
GGAGATTCCACCAACAGAGGGATGATGTACTATCTAATCGAGAGACTGAATGAAACACTTCAGGAGTGGC
AGAAACTGCATGGCACTAACTCTACCCCAAGTGTCAATGGTGGGAAGAGTCCGATCAGTTACTCCTACTA
TCCCCAGTTCTGGATAAGGCCCTTCATTGAGACCAGCATTGAGAAAGCACTTGAACATCTCTTGCAAAGA
TCACAGCCCCCTAGAGAATACTGACCAGACGGTATTGGTTGTTGGTGGTCCAGTGGCTTAATCCAATC
CTGTGCAAAATTATTACAAAGGTTTTAAAGAGGGAAAAATTTGCTGAATATTCTAGTGATCATCAAAACATT
GGGGATTGGATTTACCTGCCGGTGGACGGGTGCACTTCTAACCAGGGTGAAGTACGGAACCTATAT
AAAGAAAACTGAGCATTCTGGAACCTGCCAAAAAGTATGGCTATGAAGTAGTAGACACATTCACATCA
CAATGGGACGGCACAAAGAATTTCTGCAGGGCAATTGTGGATGCCATTTTCATGAGGTAGTGAATCAAA
GTTATCCAGACAGCACCGTTATCAAGATGAAAAGATCCAAGAACCATTATTGTGGGGAAGTACTTCAGT
AGTCAAAGCAAACTAAAACAACACAATTTGTGCCAAATCTTCATTACCGTATCATGTGAGAGGCCCGA
TAAACCAAGTTTGTGCTGAAATCCTGCTCAGCAGAATGTGTGCGAGTCAGAGGTCTGCGCAGGCGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR214051 protein sequence
Red=Cloning site Green=Tags(s)

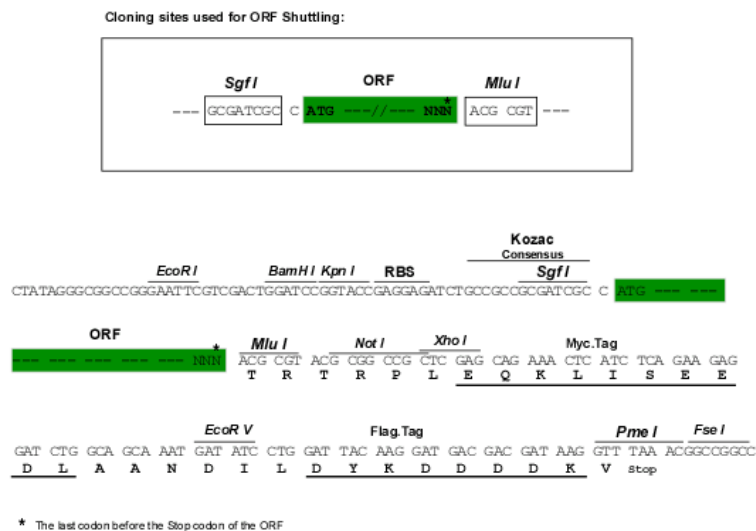
MVCRPGFLCRRRFCPRPFLVGLVVAICLFYQTLTLRGTKKIAADVSGTVPHTPSQTQASRCEEYRQDKQ
CFLLSASTQETRKIEESIERHFGSLSRRAVLHRPPSSRAQLQIHQHLAQHGYSVVTVEERLGGGLGPE
LLDQGGNSWDLFICLPSREADGKPCIPREHMCRLSLHQRVNVLPETQQLCRREGLCEITRRFPEFRLP
VSSSVCLDQETQSRLRVSSHLKAEPHVWKPRDWHRKQLNLTTVAPHEAISRAEELSVILKAYVLVS
LRPLRAFIHSTGTWVSPKKKRFTVKLQMFETFLRTSSPLQALDSMKEAISKLLLVAEVFSADSTLGPK
TFNRCIQCFQLLTFDVGYGDSGYPVVLQVHEHLHFHDDENFSAEDQNAENIILRDTDFLFSNASSLSMV
SEMLQRRDSAGAFVDGNYEKELNQCLSFEIHSIRTFVKELGSLGQFQLLPSSVPGIRSLMGEFYDMAT
PGSVLSQYWSLLNVFEQFWMNKKQAQLQPLEWNSPTRNETIEPPRSLEGIQSGKDAAPRVLFENKDIHC
SDEEDVLCHIKKIIITHPRLELSPEFNPKIKEYCEVPFDVLTVRIGAETSKCQCKAHLQEAGPSFATYP
LGIGMNRISVLVDESHAGGAALTTYKLTIYREDRPSLPFFEDFTACGFVQDCDLLIHPEETCGLQPISA
EYIKAISQPEIESCPGDTKGQWIVPCLTCSNRTCDWREITWQPHNCQHNILTKPELQQCLQGRKILFI
GDSTNRGMMYYLIERLNETLQEWQKLHGKLYPSVNGGKSPISYSYYPQFWIRPSLRPAFEKALEHLLQR
SQPLENTDQTVLVVGGVQWLNNSHLQIIHKVLKRENLLNIIKTLGIGFHLVDGVHFLTQGEVRNLY
KENLSILETAKKYGYEVVDFTITMGRHKEFLQNGCGHFHEVVKSKLSRQHHVIKMKRSKNHIVGKYFS
SQSKLKQHNSVPNLHSPYHVRGPINQVCAEILLSRMCASQRSAQAP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

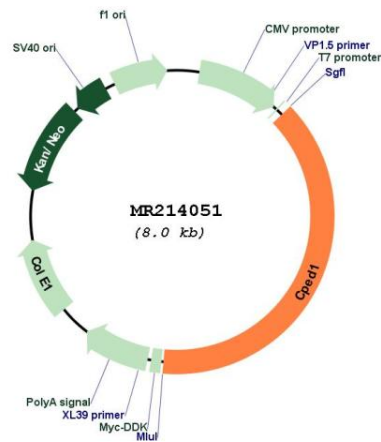
NM_001081351

ORF Size:

3078 bp

OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001081351.1 , NP_001074820.1
RefSeq Size:	4898 bp
RefSeq ORF:	3081 bp
Locus ID:	214642
Cytogenetics:	6 A3.1
MW:	116.8 kDa

Product images:



Circular map for MR214051