

Product datasheet for **MC224354**

Cpd (NM_007754) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cpd (NM_007754) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cpd
Synonyms: AA960140; AW322530; D830034L15Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224354 representing NM_007754
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGAGCGCCGGGATGAGCGGCCGCCCTGGCGGTGGGACGCTGCGTCTGCTGCCCGCCACCGC
TGCTGCTGCTGCTGCTACTGAGGAGCTCGGCCAGGGCGGCACATCAAGAAGGCTGAGGCGACCAC
GACAACCGTTGGCGGCTCCGAGGCGGCCGAGGGCCAGTTTGACCACTACTACCACGAAGCGCGCTGGC
GAGGCGCTGGAAGCGGCGCGGCCGCGGGGCCACCCGGCCTGGCGGCTCTTTCAGCATCGGCAGCTCGG
TGGAGGGCCGGCGCTGTGGGTGCTGCGCCTCACAGCGGGCTGGGGCCGCCGCCACCGCCGCCCGGG
GCTGGACGCCCGGGGCGCTGCTGCCCGGCCGCGCAGGTGAAGCTGGTGGTAAATGCACGGCGAC
GAGACGGTGTACGCCAGGTGTTGGTCTACCTGGCCCGCAGCTGGCGTCGGGCTACCGCCCGGGGACC
CGCGCCTGGTCCGCTGCTCAACACCACCGACGTGATTTGCTGCCAGCCTGAACCCGGATGGCTTCGA
ACGTGCCCGCGAGGGTACTGCGGCCTCGGCGACAGCGGCCCGCCTGGGACCAGCGGCCGTGACAACAGC
CGAGGCCGCGACCTCAACCGCAGCTTCCCTGACCAGTTCAGCACCGCCGAGCCACCTTCCCTGGATGAGG
TGCCGGAGGTGCGGCCCTCATCGACTGGATCCGAGGAACAAGTTTGTGCTTTCTGAAATCTTTCATGG
TGCTCAGTGGTAGCAAGCTATCCTTTTGTGATTCTCCGAGCATAAGACCACTGGACTCTATAGCAAA
ACCTCCGATGATGAAGTCTTTAGATACTTGCAAAAGCTTATGCCTCTAACCCACTATAATGAAAAGT
GCGAACCCTATTGTCAGGAGATGAAGACGAGACTTTCAAAGATGGGATCACGAATGGCGCGCACTGGTA
TGACGTGGAAGGTGGTATGCAAGATTACAATTATGTATGGCCAACTGTTTTGAGATCACATTAGAATTG
TCTTGCTGCAAGTACCCACCTGCTTCTCAGCTTCGACAAGAATGGGAGAATAATCGTGAGTCTTTGATCA
CATTGATTGAAAAGTCCACATTGGAATTAAGGATTTGTTAAAGATTCCGTAACAGGCTCTGGGTAGA
GAACGCAACCTTTCAGTGGCTGGTATTAATCATAACATCACACGGGAAGATTTGGTGATTTCCACAGA
TTACTTGTTCCTGGAACCTACAATCTTACGGCGCTTCAACTGGGTATATGCCATTGACCATTAATAATA
TAATGGTGAAAGAAGGGCCAGCTACAGAGATGGATTTCTCCCTTCGGCCAACTGTGATGTAGTAATGCC
TGTTCAACTGAGGCTGTAACAACCTCTGGCACAGTTGCTGTTCTAATATCCCTCCTGGAACACCATCC
TCCCATCAGCCAATTCAGCCTAAAGACTTTCACCACCACCATTTCCCGACATGAAATCTTCTTGAGAA



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GATTTGCCAATGAATATCCTAATATCACCCGCTCTTTATTCTCTGGGAAATCCGTAGAGTCAAGAGAACT
 GTATGTGATGGAGATATCTGATAACCCAGGTGCCATGAACCAGGTGAACCAGAATTTAAGTATATTGGA
 AATATGCATGGAAATGAAGTGGTTGGAAGAGAGCTGCTATTGAATCTCATTGAATACCTCTGCAAGAATT
 TTGGAACAGACCCCTGAAGTAACAGATTTGGTTCGCAGCACAGAATTACCTTATGCCATCCATGAATCC
 TGATGGATATGAAAAGTCCCAGGAAGGAGATTCGATCAGTGTAGTTGGCAGAAACAACAGCAACAACCTTT
 GACCTAAACCCGGAATTTCCAGACCAGTTTGTTCGAATCACAGAACCTACCAACCAGAACTATCGCTG
 TGATGAGCTGGTGAAGGCCTACCCGTTTGTGCTGCAGCCAATCTGCACGGGGTTCCCTGGTGGTTAA
 CTACCCTTATGATGATAATGAGCAAGGAGTTGCCACGTACAGCAAGTCACCAGATGATGCTGTATTTCAG
 CAAATAGCACTTTCTATTCCAAGGAAAATTCGCAGATGTTCCAAGGTAGACCTTGAAGGACATGTATC
 TCAATGAGTATTTTCTCATGGGATAACAAACGGAGCTAGTTGGTATAACGTCCCAGGTGGTATGCAGGA
 CTGGAATATTTACAGACAAATTGCTTTGAAGTAACTATCGAACTCGGTTGTGTGAAATATCCATTTGAG
 AATGAACTGCCAAAGTACTGGGAGCAAAATCGAAGATCTCTAATCCAGTTTATGAAACAGGTTTCATCAGG
 GTGTCAAAGGATTTGCCTTGATGCCACAGATGGTAGGGGCATATTAATGCCACCCTCAGTGTGCTGA
 AATTAATCACCCAGTGACCACTTACAAAGCTGGAGATTACTGGCGCTCTTGGTCCCAGGGACATACAAA
 ATCACAGCATCTGCCGAGGGTATAACCCTGTCACCAAGAACGTGACCGTCAGGAGTGAAGGTGCTGTT
 AGGTCAACTTCACCCCTGTTTCGATCTTACGAGATGCAAAACAATGAGTCAAGAAAGGCAGGGGGC
 CACCAGCACTGACGACACCAGCGACCCAACCTTCTAAGGAGTTTGAAGCATTAAATCAAACACCTTT
 CGGCTGAGAATGGCTTGAAGGCTTCATGTTAAGCTCGTCTCAGACCTGGCTCTGTATCGATACCATT
 CATACA AAGACTTATCCGAGTTCCCTGAGAGGACTTGAATGAACTACCCGCACATTACAAACCTTACC
 ACTTTGGG ACAGAGTGTGAGTATCGTCACATTTGGTCCCTGGAGATCTCCAATAAGCCCAACAT
 ATCAGAACCTGAA GAACCGAAGATTCGTTTTGTTGCTGGTATCCATGGAAACGCTCCAGTTGGA
 ACTGAACTGCTCTTGGCTC TGGCAGAATTTCTTGCCTGAATTACAAAAGGAACCCAGTTGTTAC
 CCAATTGGTTGACAGGACTAGAAT TGTGATTGTTCCCTCTCTGAATCCAGATGGGCGAGAG
 CGTGTCTCAAGAGAAAGACTGCACCTCAAAGACT GGGCACACAAATGCTCATGGCAAAGACCT
 TGGACACAGACTTTACAAGTAATGCTTCTCAGCCTGAGACCA AAGCCATCATCGAAAACCTG
 ATTCAAAGCAGGACTTCAGTCTTTCCATTGCCTTAGATGGTGGTCTGT GCTGGTCACATAT
 CCGTATGATAAACCAAGTGCAGACAGTGGAAAACAAAGAACTTTAAAGCATTGGCA TCTCTT
 ATGCAAATAACCATCCATCAATGCACATGGGTGAGCCAGTTGCCCAAATAATTCAGATGAGA
 ACATACCTGGAGGAGTATGCGGGGAGCCGAGTGGCACAGTCACTGGGCAGCATGAAGGATT
 ATAGTGT CACCTATGGCCATTGCCAGAAATCACGGTATACACAAGCTGCTGCTACTTCCAAAGT
 GCAGCTCAGCTC CTGCCCTATGGGCAGAGAACAAGAAGTCTCCTTAGCATGCTGGTGGAGG
 TCCACAAAGGAGTCCAGG GGTAGTAAAAGACAAGGCTGGTAAACCAATCTCGAAAGCAGT
 CATTGTACTCAATGAAGGAATAAAAGT ATACACAAAGGAGGGGGTTATTTCCATGTGCT
 CCTAGCTCCTGGAGTCCATAACATCAACGCAATTGCT GATGGGTACCAGCAGCAGCACACAG
 GCTTTGTGCATCATGATGCAGCCAGTTCTGTGGTAAATAGTCT TTGATACAGATAACCGG
 ATATTTGGTTTCCAAGGGAACCTCGTGGTAACTGTGTCAAGTGCACACTATGTC AGCACT
 GATCCTAACGGCTTGCATCATTGGTGCATCTGCTCCATCAAGTCTAATAGACACAAAGAT
 GGC TTCCACCGGCTGCGGCAGCATCATGATGAATATGAAGATGAAATTCGCATGATGTCA
 AACTGGCTCTAAGA AGTCCCTCCTAAGCCATGAGTTCAGGATGAAACGGACACAGAGGAG
 GAAACATTATATTCTAGCAAACA TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_007754

Insert Size:

4134 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_007754.2</u> , <u>NP_031780.2</u>
RefSeq Size:	9152 bp
RefSeq ORF:	4134 bp
Locus ID:	12874
UniProt ID:	<u>O89001</u>
Cytogenetics:	11 46.05 cM