

Product datasheet for **RN205927**

Ctdp1 (NM_001106131) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctdp1 (NM_001106131) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctdp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205927 representing NM_001106131
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGCGCCGCTTGGCCGGCGTTCCACCGAGTGCCTCCGGCGGTGGCCGGGCAGAGGTGCGCT
 GCCCGGGCCCGCGCGCTGCGTCTGCTGGAGTGAAGGTGACGGCGGGCGGACCGTGGCATTGGCTC
 GGTGCTGGCAGTGTACGAAGCCGAGTCTCCGCGCAGCCCGCAGGGCCAGCCCCGGCTCGCGCGGCTCT
 GGGGGTGCCTGCGCGCCTCGCGGACAGAGCGCAGGCTCAGGTCGGAGCGCGCCGGCGTGGTCCGTGAAC
 TGTGTGCGCAGCCAGGCCAGGTGGTGGCCCTGGGGCACTTCTGGTGGGTTGGAAGGATGTAGCCACCC
 TGTTGTATGAAGGGCTGTGTGCTGAGTGTGGCCAGGACCTGACCCAGTTGCAGAGTAAAAACGGAAAG
 CAGCAGGTACCACTTTCTACAGCGACTGTTCCATGGTGCACAGTGTCCGGAGTTGATGCAAGCTGAAA
 AACTAGGAAGAGAAGATCAGCAGCGACTACATCGAAACAGAAAGCTGGTTCTCATGGTAGACTTGGACCA
 GACCTGATTCATACGACTGAGCAGCATTGTCCCAGATGTCCAACAAAGGCATCTTCCACTTCCAGCTG
 GGCCGAGGGGAGCCCATGCTGCACACCCGCTGAGGCCTCACTGCAAGGACTTCCTGGAGAAAATCGCCA
 AGCTGTATGAGCTGCATGTTTTCACTTTCCGGCAGCCGTCTGTATGCCACACCATCGCGGGCTTTTTGGA
 CCCTGAGAAGAAGCTTTTTTCTCATCGAATATTATCTAGAGATGAATGTATTGACCCGTTTTCTAAAAACA
 GGAAACCTTAGAAATCTTTCCCTGTGGAGATTCAATGGTTTGCATCATTGATGACCGAGAGGATGTGT
 GGAAAGTTCGCCCTAACCTTATAACTGTGAAGAAGTATGTCTATTTCCAGGCACAGGTGATGTGAACGC
 ACCCCCTGGGGCCCGGAATCTCAGACAAGGAAAAAGTAAATCATTCTTCAAAGGAGCGGACATCTTG
 GAACAAGCTCTGCCAGTCAAGGACCCTGAGGAAGGCAACCTCCTGGGGTGAACAGAGCAATGGCCTTG
 GGAAGCCCTCCGGGAGCTCAATGGTGGTGGGCTGTGCCAGGAGTTTTTTCCAGTAAAACAGATGAGAA
 GGAAACCTGGTCCCTCACCCGTGCCTCTCCTGCCAGCAGCTCTGGTGGCCGAGAGCTGACAGAAGCTCCA
 GAGCTCCCTGTGTCTGTGAGTGGGACAGTCCGACAGCACCAGGAGCGCACCCCTACTCAGGGAGATGCCA
 CCCAAGGTTTGGACTTCGACCTGTCCAGTGACAGTGGAGCAGTGGAGCAGCAGGTGAGAAGGCCAGAA
 GTCTTCTCCTCTGCTCCGATGGGGAGAATGAGGAGAGGAGAGCGCAGAAAGAAGTCTCCAGCCACCCAG
 GATAGAACAAAAGTTCCACAGCACAGTGGGCCCATGACACGAGTGGGGGAGGTCTGCAGCAAGCCCT
 CGGGAGAGTCTGGGCCTCTCCACCCACATGACAAAGTGTCCGACCCAGATACTCAGGAGGAGGTGAGCG
 AGACAGCCTCTGTGCCTGGGCAACGGCAGTGTGGACCGAAGGAGGCTGAGACAGAGTACAGAACAGT
 GAACAGTCAAGGTGCTACTGCAGGCGAGTCCCTAGACCAGAGTGTGGGGAGGAAGAGGAGGACAGAG
 ATGACGATGACCACTTGATACACCTCGAGGAGATCCTAGTGCGAGTACACACTGACTATTACACAAAATA
 TGACAGATACCTCAACAAGGAGCTTGAGGAAGCTCCAGATATACGGAAAATTGTGCCAGAGCTCAAGAGC
 AAGGTGCTAGCAGATGTGGCCGTCAATTTTCAAGTGGGCTGCACCCAAACAACTTTCTGTGGAGAAGACTC
 GTGAGCACTATCATGCCACAGCTCTGGGAGCCAAGGTCCTCACCCAGTAGTGCTGAGCCCTGACGCTCC
 AGACAGGGCCACTCACCTCATTGCGAGCGGGCCGGCACAGAGAAGGTGCGCCAGGCACAGGAGTGCAAA
 CACCTGCATGTGGTCAAGCCGTAATGGCTGTGGAGTGCCTGGAGCGCTGGGACAAGGTAGAGGAGCAGC
 TCTTCCCGTCTATGGATGAGGATACCCGACACATAGGGATAACAGCCCTGCAGTCTTTCCAGACAGACA
 CAGTATGCTTCCACAGCCTTGTCCACCCAACACCCATCCATTCCAAGGCCATCCTGGTCTGAGGTT
 CGGATCTATGACTCTAACACAGGCAAGCTCATCCGGATGGGCACCCAGGTCCTGCACCAGCTCTTTCCA
 GTGCCCACTTATCCATGGAGAGCCCTCCTCCTCAGAGCTGTTAGCCACATCAGCAGCAAATGTTTGG
 TGAAGAGCTGCCAGAATCCCAAGATGGAGAGCAGCCTGGCCCTGCTAGAAGAAAGCGACAGCCAGTATG
 TCAGAGACAATGCCGCTGTACACTCTCTGTAAGGAGGACTTAGAGAGTATGGACAAGAGGTGGACGACA
 TCCTTGGAGAAGGCAGTGTGACAGTGGAGCGGAGAAGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG
 GAGAGCAGCAAGCCAGGAAGCCAGGGCCCCAGGCACCCGAAGAGAGCAGCCGGCAGGGCTGCCCTCA
 CCTGGCAGAGGAGCGCCGCTGGCACGCGTGCAGCCAGAGGCCACAAGAGAAAAGTGAATGAGGAAGACG
 CGGCCAGCGAGTCCAGTGGGAGTCCAGCAACGATGATGAGGAGGGCAGCAGTTCGGAAGCAGACGAGAT
 GCCCGTCTCTGGAGGCGGAGCTTAATGACCTCATG**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001106131
Insert Size:	2910 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_001106131.1</u> , <u>NP_001099601.1</u>
RefSeq Size:	3732 bp
RefSeq ORF:	2910 bp
Locus ID:	291414
Cytogenetics:	18q12.3