

Product datasheet for **RN202426**

Cttnbp2nl (NM_001107712) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cttnbp2nl (NM_001107712) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cttnbp2nl
Synonyms:	RGD1310822
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202426 representing NM_001107712
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAATCTGGAAGAACTCAGCAAGCCTGAAGTGTGACACTGTTCACTATTCTTGAAGGAGAACTCGAAG
 CAAGGGACCTTGTATAGAAGCTTTAAAGGCCAACACAGAGATACTTTATTGAAGAAGCTATGGAAA
 ATACAATATCAGTGATCTCTAATGGCTCTTCAGAGAGATTTTGAACACTGAAAGAGAAAAATGACAGT
 GAGAAGCAGCCAGTGTGCACAAACCCCTCTCTATCCTCAAGGCAGTGATGAAGCAGTGCAAGAACATGC
 AGGAGCGCATGCTGTCCAGCTGGCTGCTGCCGAGAGCCGGCACCAGGAGTATCTGGATCTTGAAGA
 AGAAAGACAGAGGCATGCACAAGATACCGCGGAAGGAGATGATGTACCTACATGCTGGAGAAGGAGAGG
 GAGAGACTGACGAACAGTTGGAATTTGAAAAGTCCCAAGTGAAGAAGTTTGAAGAGAACAGAAGAAGC
 TATCTAGTCAGCTGGAGGAGGAGCTTCCGCCACAAGCAGCTGTCTCCATGCTGGTGTCTGAGTGCAA
 GAAGGCCACCAGCAAGGCAGCCGAGGAGGGCAGAAGGCTGGAGAGCTGAGTCTGAAGCTGGAGAAGGAG
 AAGAGCCGGGCGAGTAACTAGAGGAAGAGTTGGCAGCCGAGCGGAAGCGGGGCTGCAGACAGAGGCC
 AGGTGGAGAAGCAGTTGTCTGAGTTTGATATCGAACGGGAGCAGCTGAGAGCCAACTGAACCGAGAGGA
 GAACCGGACCCGAGCCCTGAAGGAAGAGATGGAGAGCTTGAAGAAGCTTGTGAAAGACCTAGAGGCGCC
 CAGCAGCACAGCAACAGCAGTGAGCAGGGCCGGGAGCCAGTGACCACATCCAGAGGCACAGCCACAGAGC
 CTCCCATGCGAGTGTCTGTGTTTGCCAAACAGAGAGCATTGACAGAGAAAGAGCCACAGCAGCATCAT
 GACCAAGCTGACAGACACTGGGCTTCCAGGTCCAGCAGTGCTCCTTACCCATATGCAAAAGCTAATGGC
 CACTGTGACCCCGAGACACAGACTACCAGGGAGCTGACCTCAGACAGCAGCACAGAAAACCAAGGCCTC
 CACGGGAGAAATCGGCAGTACCGGCCCAGGAGAAACCGATGGAGAATGGTGGGTGCTCTGTAGGAAGTGA
 GATTCAGTCACAATGCCAGTCATCTCCCTTCCAGTGGCAGCTCACTGTCTCCAGCAGCACTGCCTCG
 TCCTCTCTGACATCATCTCCTTGCTCTTACCAGTTCTAACCAAGCGTCTCTTGGGGTCATCAGTCAGCA
 GCCCAGGCTACAGTCTTCTACCAAGTAGGGGTCAACCAGCGTTTCCATGCAGCTCGGCACAGATTTCA
 GTCCCAGGCAGATCAGGATCAGCAAGCCAGTGGTCTCCAGAGCCCTCCATCCAGGACCTGTCCCCTACC
 CTATTAGACAACCTGCTGCCAAGCAGCTGGCCCGAAACACTGTCACTCAGGTGCTCTCCAGGTTCACTA
 ACCAAGGGCCAATTAAGCCAGTCTCTCCAACAGTTCTCCTTTTGGGACAGACTACCGAAATCTGGTCAG
 CACTGCCAATCCTAGAGGCGACACCAGCCATTACCTACTCCAGGGAAGGTGTCCAGCCCTCTGAGCCCC
 CTTTCTCCGGGAATCAAGTCCCCAACCATCCCCAGAGCTGAGAGAGGAAACCTCCACCAATCCCACCCA
 AAAACCTGGCCCTCACTCCTTCAGAGTGTCTCGCCACTCCAGGGACCAAGACTCATTCCCAGGCATCCTC
 CTTGACCACCACAGAAGACCTTGCCAGCAGCTGCTCTCCAGTGGCGTGGTGGCCAAATGGCAAAGATGTT
 GAGATGCTTGTGCCACACAGCAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107712

Insert Size: 1917 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:

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_001107712.2, NP_001101182.2

RefSeq Size: 4791 bp

RefSeq ORF: 1917 bp

Locus ID: 310760

Cytogenetics: 2q34