

Product datasheet for **RN203142**

Cttn (NM_021868) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cttn (NM_021868) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cttn
Synonyms:	Cttnb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203142 representing NM_021868
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGAAAGCTTCTGCAGGCCATGCTGTGTCCATCACCCAGGATGATGGGGAGCCGATGACTGGGAGA
CTGACCCTGATTTGTGAACGATGTGAGTGAAAAGGAACAGAGATGGGGCGCCAAAACCGTGCAGGGATC
GGGGCACCGAACACATCAACATACACAAGCTTCGAGAGAATGTCTTCCAAGAACCAGACACTCAAG
GAGAAGGAGCTGGAAACGGGACCAAGGCTTCCCATGGCTATGGCGGGAAGTTTGGTGTGGAGCAAGATA
GGATGGACAAATCAGCTGTGGCCATGAGTACCAGTCAAAGCTCTCCAAGCACTGCTCACAAGTGGACTC
AGTCCGGGGCTTCGGAGGCAAGTTCGGTGTCCAGATGGACAGGGTGGATCAGTCTGCTGTAGGCTTTGAA
TACCAGGGGAAGACGGAGAAGCACGCCTCCAGAAAGACTACTCCAGTGGTTTCGGTGGCAAATATGGAG
TGCAAGCTGACCGTGTAGACAAGAGTGTGTGGGCTTTGACTACCAGGGCAAGACGGAGAAGCACGAGTC
ACAGAAAGATTACTCAAAGGTTTTTGGTGGCAAATACGGAATTGACAAGGACAAGGTGGATAAAAGCGCT
GTGGGCTTTGAGTATCAAGGCAAAACAGAGAAGCATGAGTCCCAGAAAGACTATGTAAAAGGCTTTGGAG
GAAAGTTTGGTGTGCAGACAGACAGACAGGACAAGTGTGCCCTTGGCTGGGACCATCAGGAGAAGCTGCA
GCTGCATGAATCCAAAAAGACTATGCCAAAGGATTCGGCGGGAAGTATGGGGTGCAGAAGGATCCGATG
GACAAGAACGCATCCACCTTTGAAGAAGTGGTCCAGGTGCCGTCTGCCTATCAGAAGACTGTCCCCATTG
AGGCTGTGACCAGCAAAACAGTAAATTCGTGCTAACTTTGAAAACCTGGCAAAGGAGAGAGAGCAGGA
GGACAGACGGAAGGCAGAAGCCGAGAGAGCTCAGCGGATGGCCCAAGAAAGGCAGGAGCAGGAGGAGGCT
CGAAGGAAGCTGGAAGAGCAAGCCAGAGCCAAGAAGCAGACACCCCTGCATCCCTAGTCTCAGCCAG
CTGAAGACAGACCACCATCCAGCCCCATCTATGAGGATGCAGTCCGTTGAAGGCCGAGCCGAGCTACGG
AAGTAGTGAGCCTGAGCCTGAGTACAGCACTGAGGCTGCAGGCCTTCTGAGGCCAGCAACCAGCAAGGT
CTGGCCTACACATCAGAGCCTGTTTACGAGACCAGAGGTTTCTGGCCACTACCAGCAGAGGATGACA
CCTACGATGGGTATGAGAGTGACCTGGGCATCACAGCCATCGCCCTGTATGACTACCAGGCTGTGGCGA
TGATGAAATCTCCTTTGACCCTGATGATGTCATACCAACATAGAAATGATTGACGATGGCTGGTGGCGT
GGGGTGTGCAAGGGCAGATATGGGCTCTCCCGGCCAACTATGTGGAGCTGCGGCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_021868

Insert Size: 1530 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_021868.2](#), [NP_068640.2](#)

RefSeq Size: 2951 bp

RefSeq ORF: 1530 bp

Locus ID: 60465

UniProt ID: [Q66HL2](#)

Cytogenetics: 1q41-q42

Gene Summary: component of clathrin-coated pits; involved in receptor-mediated endocytosis [RGD, Feb 2006]