

## Product datasheet for **RN216494**

### Ctns (NM\_001191647) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ctns (NM\_001191647) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ctns  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN216494 representing NM\_001191647  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGATGAAGAAGTGGCTGCTTATTTTGACCCTTTCTCTCTGAAGTTCATAGAGAGAAGTGAATCAACCG  
 TCGGTCTCTGCTCCTCCACTGTGAAGCTGGTAAATGGCAGTTCACCAACGTCAGCATTACCCTTGG  
 GCATCCACTAAATTCGACCTTGGTGATCACTTTTGAATCACATTTAGTTCAAAAACCTTACTATTGTG  
 GAGCTTCCCTGATGAGTTATAGTGCCTCGTGGAGAGAAAAATGCCTCTTCCAAGTACTTCTCAAATA  
 TTGGACAAGTGAAGTATCTGCATGGAAATCATTCCAACAGACCTGCCCCAGAATCCAGTTCCTGGT  
 GATACACAGCAGAATTGTAGCGTCATAAACAGGTGATTGGCTGGATCTACTTCATGGCCTGGTCCGTC  
 TCCTTCTACCCACAGGTGATCCAGAAGTGGAGACGGAAAAAGTGCCTGGTCTCAGCTTTGACTTCTTAG  
 CCCTGAAGTTGACAGGCTTCGTGGCCTACAGCGTTTTCAACATCGGTCTTTGTGGGTGCCCTACATCCA  
 GGAGGAGTTTCTCCTCAAATACCCCAATGGTGTGAACCTGTGACATTAACGACGCTTCTTCAGCTTA  
 CATGCAGTCGCCCTCACCTGATTGTATCCTGCAGTGTGCCTGTATGAGCGAGGCAACGACGCGTGT  
 CACGGCCCTCCATTGGCTTCTGGTACTTGCCTGGCTTTCATCTTAGTCACCATGATTGTGGCTGCAGT  
 CGGTGTCACCATGAGTGCAGTTCCTTCTGCTTCTCTACATCAAGTCATCATCACTGATCAAG  
 TATTTCCCCCAGGCTACATGAAGTTTACTACAAAAGCACAAGGGTTGGAGCATTGGTGGTGTGCTCC  
 TGGATTTTACAGGGGGCAGCTTTAGCCTCCTCCAGATGTTCTCCAGTCTTACAATAATGACCAATGGAC  
 ATTGATCTTCGGAGATCCAACCAAGTTCGGACTTGGCGTCTTACCATCTTCTTTGACATTGTCTTCTTC  
 ATCCAGCACTTCTACTTGTACAGAAAGAAACCAGGGTACGACCAACTGGACT**AA**

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001191647  
**Insert Size:** 1104 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001191647.1, NP_001178576.1</u>
<b>RefSeq Size:</b>	2010 bp
<b>RefSeq ORF:</b>	1104 bp
<b>Locus ID:</b>	287478
<b>Cytogenetics:</b>	10q24