

## Product datasheet for **RN212338**

### Clint1 (NM\_001002022) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Clint1 (NM_001002022) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clint1
Synonyms:	Clint; Enth; Epn4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212338 representing NM\_001002022  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGAACATGTGGAAGGTGCGGGAGCTGGTGGACAAAGCCACCAATGTGGTTATGAATTATTCAGAGA  
 TCGAGTCCAAAGTTCGAGAAGCAACGAATGATGATCCTTGGGGACCTTCTGGGCAGCTCATGGGAGAGAT  
 TGCCAAGGCTACTTTTATGTATGAACAGTTCACAGAACTTATGAACATGCTTTGGTCCCGAATGCTAAAA  
 GACAACAAAAAGAATTGGAGAAGAGTTTATAAGTCGTTGCTGCTCCTAGCTTACCTCATAAGAAATGGAT  
 CGGAGCGAGTTGTTACAAGCGCCAGAGAACACATTTATGATTTGCGATCCCTGGAAAATTACCACTTTGT  
 AGATGAGCATGGCAAGGATCAAGGTATAAACATCCGACAGAAAGTGAAGGAGCTGGTTGAGTTGACACAG  
 GATGATGACAGACTTCGAGAGGAGAGGAAGAAAGCAAAGAAGAACAAGACAAGTATGTCGGGGTCTCCT  
 CAGACAGCGTTGGCGGATCCGATACAATGAACGGTATGACCCTGAGCCCAAGTCCAAATGGGACGAAGA  
 GTGGGATAAGAACAAGAGTGCCTTCCATTCAGTGACAAGCTAGGGGAGCTGAGCGACAAGATCGGGAGC  
 ACAATCGACGACACCATCAGCAAGTTCGGGAGGAAAGACCGGGAGGACTCTCCGGAAGGTGCAGTGACA  
 GCGATGAGGAAAAGAAAGCAAGGAGAGGCGAGTCTCCAAAGGTGAATCAAAGATGAAGAGGAGACGGT  
 GACGACGAAGCACATCCACATCACACAGGCCACAGAGACCACCACCACCGGCACAAGCGCACAGCAAAC  
 CCTTCCAAAACCATCGATCTTGGAGCAGCAGCATTACACAGGGGACAAAGCCAGCCAGATCAAAACG  
 CTTCAACCCACACGCCTCAGTATCAGCGAAGCCATCCGTGCCGAGCAGCAAGTATCAGGGGACCTCGT  
 TGACCTGTTTGTGGCAGTGGCCAGACAACAGGAGGAGCAACTGACTTATTCGGGGGATTTGCCGACTTT  
 GGCTCTGCTGCTGCATCGGGCAGTTCCCTTCCAAGCAACAAGTGGGAATGGAGACTTTGGTGACTGGA  
 GTGCCTTCAACCAAGCCCATCAGGCCCTGTTGCTTCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT  
 TGCTGTAGAACTCATCAGTGGTTCACAGCCAGCTTAGGCCACCTCCTGCTGCCTCAAACCTCTTCAGAT  
 CTCTTTGATCTTATGGGCTCATCCAGGCAACCATGACGTCTTCCAGAGTATGAATTTCTCTCTATGA  
 GCACTAACACTGTGGGACTTGGTTGCCATGTCAAGATCACAGGTAAGATGTCTGTTTCCCTTGGGAAT  
 TGTTACTTACACCTACTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001002022

**Insert Size:** 1419 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\\_001002022.1](#), [NP\\_001002022.1](#)  
RefSeq Size: 1841 bp  
RefSeq ORF: 1419 bp  
Locus ID: 360515  
Cytogenetics: 10q21  
Gene Summary: stimulates clathrin assembly; may play a role in clathrin mediated budding and vesicular trafficking [RGD, Feb 2006]