

Product datasheet for RN205102

Ciart (NM_001134593) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ciart (NM_001134593) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ciart
Synonyms:	RGD1566380
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205102 representing NM_001134593 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATTCTCCATCTAGCGTTTCTTATTCTCCTCCTCTCTCTCCCCGTCATTTCCACGTCCCCTG
 TGAACAGTGACTTTAGCTTCCCCTCTGATAATGAGAGGGAGGGCATGCGCACCCGTGAGCTCAGGCCAGA
 CACTGTGGGGCAGAGAGGAGGTTCCAGGCCCATCCGCTGCCGACACCGACCCAGGGTT
 TCTAGTAACCAACATACAGCATCTCACCTGGAACAGCAAGGATCTGAAGTCAAAAGATCAAGAGACGGTG
 AATTGGAGACAAGTCTAAACACCCAGGGATGTACTACAGAGGGAGACCTGCTCTTTGCTCAAAAGTGTA
 AGAACTCCAAGGGTTCATACGGCCCTCACAGACCTACTGAACGGATTAAAAATGGGTGCGTTTGACAGA
 GGATTAAGTAGCTTCCAACAGAGCGTGGCCATGGACCGGATCCAGCGTATAGTGGGTGTTTTACAGAAGC
 CTCATATGGGAGAGCGTTATCTAGGAACCTGCTGCAGGTGGAAGGCATGCTAAAGACTTGTTTTCTCA
 TATAGCTGCCAGAAATCATCCTTAGGAGGAAGCAGGCATCAGATAAGCAAGCACTTCCCTAGCCACCAC
 AGTGATTCAAGTGCTTCTTCTCCTGCGCTCTCATAGGGAAGATGGGCCAGACACAGCTGGGACATTTAG
 TTTTGAAACCAAGCAGCCTTGGCATCTCACAGGATGGCCGGCTATGAACCTCACCTGGATCCATGACAC
 TCCAATTTGTAACCCCTCCCCTCGGTTCCAAGGCTCCACCTCTGGCCACAGCCCCAACGGCACTGGAGCC
 AGCATTGGCGTCATCCTTGCTCCAGAAAGGAGGACAGCCCTTACCCATTCTGCCCGGGCACTCCAA
 TCCCACCAACTACACTGTCTCCTGTCTCCTTGGTGATCTGAGGAACTGTGCGGAGAGGAGCCTCGCTG
 CCACAGTTTGCCAGTAACGCTGCCATCAGACTGGAGGTGCATCCTTTGTCCCCTGTCTACCTACCGCA
 GATCGAGAGGTGACTACAGGACACCAGGCCACAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001134593
Insert Size:	1089 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:	<u>NM_001134593.1, NP_001128065.1</u>
RefSeq Size:	1418 bp
RefSeq ORF:	1089 bp
Locus ID:	365871
Cytogenetics:	2q34