

## Product datasheet for **RN205692**

### **Csgalnact1 (NM\_001107309) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Csgalnact1 (NM_001107309) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Csgalnact1
Synonyms:	Chgn; RGD1307618
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205692 representing NM\_001107309  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTCCGACCGGGCTGGTGGGGTGGATTCCCGGGTAGTGATTCTGCTGGTGTCTCTGTTGTGCCA  
 TCTCTGTTCTCTACATGTTAGCCTGCACCCAAAAGGCGACCAAGAGCAGCTGGGACTGCCACGGGCCAA  
 CGGCCCCACAGGCAAAGATGGCTACCAAGCGGTGCTACAGGAGCGTGAGGAACAGCATCGCAACTATGTG  
 AATAGTCTTAAGCGACAGATCGCGCAGCTCAAGGATGAACTGCAGGCACGCAGTGAGCAGCTCCGCAGTG  
 GGCAGGACCAGGCCAGCGATGCCACCAGCCTGCGGTGAGGCTGGGACCCTGAACCCAAAGCCAGGCTGA  
 TATACTGGCCTTCTGCGTGGGCAGGTGGACAAGGCTGAGGTCCACGCCGGTGTCAAGCTGGCCACCGAA  
 TATGCTGTGTGCCTTTTGATAGCTTCACTCTGCAGAAAGTATACCAGCTGGAGACTGGTCTGACCCGCC  
 ACCCTGAGGAGAAACCAGTGAGGAAGGACAAGCGAGATGAGCTAGTGGAAGCTATCGAATCAGCCCTGGA  
 GAGTCTAAACAGCCCTGTGGAAGCAGCCACACCAGCGCCCTTACACGGCTGCAGACTTCATAGAAGGG  
 ATCTACCGAACAGAAAGGGATAAAGGCACCTTTGTATGAGCTGACCTTCAAAGGGGACCATAAGCATGAAT  
 TCCAACGACTTGTCTATTTTCGACCTTTTGCCCCATCATGAAAGTGAAGAAGGAAAAGCTCAACATGGC  
 CAACACACTTATCAACGTATCGTCCCTAGCGAGGAGGGTGGACAAGTTCGGCACTTCATGCAGAAC  
 TTCAGGGAGATGTGCATCCAACAAGATGGGAGAGTTTCACTTACCCTGTTTATTTTGGAAAGAAGAAA  
 TGAATGAAGTCAAAGGAATACTTGAAAACACTTCCAAGGCTGCCAATTTTAGAACTTCACTTCATCCA  
 GCTGAATGGAGAGTTCTCCCGGGAAAGGGACTGGATGTTGGAGCCCGCTTCTGGAAGGGAAGTAATGTC  
 GTGCTCTTTTCTGTGATGTGGACATCTACTTCACCTTGAGTTCCTCAACACATGTAGGCTGAACACAC  
 AGCCAGGGAAGAAGGATTTTATCCGGTCTTTTTCAGTCAGTATAACCCCTGGCATAATCTACGGCCATCA  
 TGATGCTGTCCCTGCCCTAGAACAGCAGCTGGTCATAAAGAAGGAAACAGGATTTTGAGGGGACTTTGGA  
 TTCGGAATGACTTGTGAGTACCGGTGAGCTTCAACATAGGTGGATTTGACCTGGACATCAAAGGCT  
 GGGCGGTGAAGATGTGCACCTGTACCGGAAATATCTCCATAGCAACCTCATAGTGATACGCACGCCTGT  
 ACGGGGACTTTTCCACCTTTGGCATGAGAAGCACTGTATGGATGAACTGACCCCTGAGCAGTACAGGATG  
 TGCATGCAATCAAAGGCTATGAATGAAGCATCCACGGGCAGCTGGGAATGCTTGTCTTCCGGCATGAAA  
 TAGAGGCTCACCTTCGAAACAGAAGCTCAAAGCCAGCAGTAAAAAGACATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001107309

**Insert Size:** 1593 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\\_001107309.1](#), [NP\\_001100779.1](#)

**RefSeq Size:** 2314 bp

**RefSeq ORF:** 1593 bp

**Locus ID:** 306375

**Cytogenetics:** 16p14