

Product datasheet for **RN212772**

Csgalnact2 (NM_001106616) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csgalnact2 (NM_001106616) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Csgalnact2
Synonyms:	Galnact2; RGD1563660
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212772 representing NM_001106616
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTAGAAAGAGACCGATTCTTCACAGCCGGACCCAGTGGCTGCTGGTGGCCTTGCTTTGCTTTTCA
 GTCTAGTATTATTATGTACCTCCTGGAATGTGCCCCCAAGACTGATGGAATGCTTCTCTCCCTGGTGT
 GGTTAGAGAAAATTATGGTAAAGAATATTACCAAGCCCTCCTGCAGGAGCAAGAAGAACATTACCAAACC
 AGGGCAACCAGTTTGAACGCCAGATTGCCAGCTAAAGCAAGAATAACAAGATATGAGTGAGAAGATGA
 GAGCCTTGCAAGAGAGGAAGAAGCTAGGGGCTAACGGCATAGGCTATCAGGGCAACAGAGAGCAGACACC
 CAGCGACCTCTTAGAGTTTCTTCATTCCCAGATCGACAGAGCTGAAGTCAGCATAGGGGCCAACTACCC
 AGTGAGTATGGAGTCGTTCCCTTTGAAAGTTTACTTTAATGAAAGTATTCAGTTGGAATGGGTCTCA
 CGCGCCATCCTGAAGAAAAGCCAGTTAGAAAAGACAAACGAGATGAATTGGTAGAAGTTATTGAAGCTGG
 CTTGGAGGTCATTAATAATCCTGATGAAGATGATGAACAGGAAGATGAGGAGGGCCCTTGAGAGAGAAA
 CTGATATTTAATGAAAATGACTTCATAGAAGGCTATTACCGCACTGAGAGAGATAAAGGCACGCACTATG
 AGCTGTTTTTAAAGAGGCAGACCTTATGGAATACAGGCATGTGACCCTTTCGCGCCTTTCGGACCTCT
 CATGAAAGTGAAGAGCGAGCTGATTGACATTACAAGATCGGTTATTAATATCATTGTGCCGCTTGCTGAG
 AGGACAGAAGCCTTTTACAGTTTATGCAGAATTCAGAGATGTTTGTATTCATCAAGACAAGAGAAATTC
 ATCTCACCGTTGTGATTTTTGGGAAAGAAGGACTATCTACAGTCAAGTCTATTCTAGAATCTGTCTCAAG
 TGAGTCTAATTTTACAATTACACCTTGGTCTCATTGAACGAAGAATTAATCGTGGACGAGGACTAAAT
 GTGGGTGCCCGAATTGGGACAAGGGAGAGGTCTTGATGTTTTTCTGTGATGTTGATATATATTTCTCAG
 CTGAATTCCTTAAACAGCTGCCGTTAAATGCTGAGCCAGTAAAAAAGTGTTTTACCCCGTGGTGTTCAG
 TCTTTACAACCCTGCCATCGTCTATGCCAACAGGAAGTGCCACCTCCCGTGGAGCAGCAGCTGGTTCAT
 AAAAAGGACTCTGGTTTTTGGAGAGATTTTGGCTTTGGGATGACGTGCAATATCAATCAGATTTTCTGA
 GTGTCGGTGGATTGACATGGAAGTAAAAGGCTGGGGTGGAGAAGATGTTTCATCTTACCAGAAAGTACTT
 ACATGGTGTCTTATTGTGATTCGGACTCCAGTTCCTGGCCTTTTCCACCTCTGGCATGAGAAACACTGT
 GCGGACGAGCTGACCCCTGAGCAATACCGAATGTGCATCCAATCCAAAGCCATGAACGAGGCCTCTCACT
 CCCACCTGGGAATGATGGTCTTCAGGGAGGAAATAGAGATGCACCTCCGCAAACAGGCGTACAGAACCAA
 CAGCGAGGCCGCTGGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001106616

Insert Size: 1629 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_001106616.1](#), [NP_001100086.1](#)

RefSeq Size: 3636 bp

RefSeq ORF: 1629 bp

Locus ID: 297554

Cytogenetics: 4q42