

Product datasheet for **RC234215**

Neuroglycan C (CSPG5) (NM_001206944) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Neuroglycan C (CSPG5) (NM_001206944) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Neuroglycan C
Synonyms:	NGC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC234215 representing NM_001206944
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCAGCCGGGGCGGGGCCCGGGCCGGGGCCCGCCGACTGCTGCTGTTTCTGGGGCCGCGC
 TGGTCTTGGCCTCTGGGGCCGTGCCGGCCGTGAGGCGGGCAGCGCGTTGAGGCCGAAGAGCTGGTGAA
 GGGCAGCCCGCGGTGGGAGCCGCTGCCAACGACACGCGGGAAGAAGCCGGCCACCAGCGGCTGGGAA
 GATGAGGCGTCGTGGACGGCGCCCGGTGGCGAGCTGGCCGGGCCAGAAGAGGTGCTGCAGGAGTCGGCTG
 CGGTGACCGGCACCGCTGGCTGGAAGCTGACAGCCAGGCTGGGAGGAGTGACCGCAGAGGGCGGCAG
 CGGCGATGCCAGGCCCTCCAGCTACGCTCCAGGCTCCACAGAGTCTCGGGCAGTCAATCATGCC
 CCTGCCATTCTGAGGCTACAGAGGCCAGCGGGCCACCCTCCCCACCCCGGCGACAAGCTGAGCCAG
 CTTCTGAACTCCCAAGGAGAGCCCTTGGAGTTTGGCTGAACCTGGGGGCAGCACACCCGACCTCA
 AGGGCCAGAGCTGACTTACCCATTTAGGGCACCTGGAGCCCAACCGGCATCAGATATCATTGACATC
 GACTACTTCGAAGGACTGGATGGTGAGGGTCGTGGCGCAGATCTGGGGAGCTTCCAGGGTACCCAGGAA
 CCTCAGAGAACCACCTGATACTGAGGGAGAGACCCCTTCTGGAGCCTGCTTACTTATACGATGATT
 CACCCCTTCGATGAATCTGATTCTACCCACCACATCCTTTTATGATGACTTGGATGAAGAGGAGGAG
 GAAGAGGAGGATGACAAAGATGCAGTAGGAGGTGGAGACCTAGAAGATGAAAATGAGCTTCTAGTCCCA
 CTGGGAAGCCTGGTCTGGGGCCCGGGACAGGCCAGCCACCAGTCGGTGGCATGCTGTCCCTCCACAGCA
 CACTCTGGGTCGGTCCCGGCAGCAGCATCGCCCTCAGCCCGCCAGGAGAGCCAGGCGGGACTTG
 GCCTCCAGTAAAATGGCACTGAGTCCCGCAGTGGCTTTGTGCGGCATAACGGCTCCTGCCGTCAGTGT
 GCGACTCTTCCAAGTTACTGTCAAAATGGCGGCCAGTGTACTGTTGGAGAACAACAGGCTTCTG
 CAGGTGCAACACGACGAGACTACATCTGGCAACAAGGGGATGCGCTGCGAGTCCATCATCAGGACTTCCAG
 GTGATGTGCGTGGCCGTGGGCTCGGCTGCCCTCGTCTGCTCCTGCTTTCATGATGACGGTGTCTTTG
 CCAAGAAGCTCTACCTGCTCAAGACGGAGAATACCAAGCTGCGTAGGACCAAGATGATCCTAGTGTCC
 CAAAAATCCAGGAGTTCTCAAGTCCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234215 representing NM_001206944
 Red=Cloning site Green=Tags(s)

MGRAGGGPGRGPPPLLLFLGAALVLASGAVPAREAGSAVEAEELVKGSPAWEPPANDTREEAGPPAAGE
 DEASWTAPGGELAGPEEVLQESA AVTGTAWLEADSPGLGGVTAEAGSGDAQALPATLQAPHEVLGQSIMP
 PAIPEATEASGPPSPPTGDKLSPASELPKESPLEVWLNLGGSTPDPQGPETLTPFQGTLEPQPASDIIDI
 DYFEGLDGEGRGADLGSFPGSPGTSENHPDTEGETPSWSLLDL YDDFTPFDESDFYPTTSFYDDLDEEEE
 EEEDDKDAVGGGDLEENELLVPTGKPLGPGTQPTSRWHAVPPQHTLGSVPGSSIALRPRPGEPGRDL
 ASSENGTECRSGFVRHNGSCRSDLFPSYCHNGGQCYLVENIGAFRCRCNTQDYIWHKGMRCESIIITDFQ
 VMCVAVGSAALVLLLLFMMTVFFAKKLYLLKTENTKLRRTKMILVLPTKSRRFSSPA

TRTRPLEQ**KL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

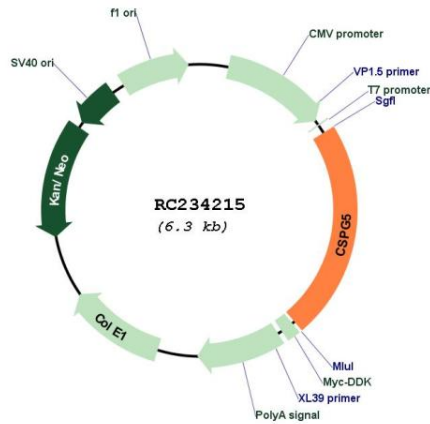
Cytogenetics: 3p21.31

Protein Families: ES Cell Differentiation/IPS, Transmembrane

MW: 50.6 kDa

Gene Summary: The protein encoded by this gene is a proteoglycan that may function as a neural growth and differentiation factor. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]

Product images:



Circular map for RC234215