

## Product datasheet for **RR200364**

### **Cspg5 (NM\_019284) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cspg5 (NM_019284) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cspg5
Synonyms:	Caleb; Ngc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR200364 representing NM\_019284  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGCCGAGCTGGAGGCGGGGCCCGGGCTGGGGCCGCGCCAGTGTCTGCTTCTGGGGTACAGC  
 TGGTGCTCACCGCTGGGGCTGTACCGGCACGGGAAGCAGGCAGTGCATCGAGGCTGAAGAGCTGGTGAG  
 GAGCGGCCTTGTCATGGGAGTCGCGTGCCATGACACGCGGGAGGAAGCTGGCCTGCCAGCAGCAGGGAA  
 GATGAGACCTCGTGGACAGAGCGGGCAGTGGCTGGCTGCGGTGGGCCCTGGGGTGGGCCAGAGGAGA  
 CACTAGAGGCATCGGCTGCAGTACTGGGACTGCCTGGCTAGAGGCAGATGGCACAGGCCTGGGTGGAGT  
 GACTGCAGAGGCTGGTAGTGGCGACGCCAGACCCTCCAGCTACACTCCAGGCTCTGACGAGGCCCTT  
 GGGTCACTACAATGCCCTGCCATCCCTGAGGCTACTGAAGCCAGTGGACCTCCCTCCCCACCCTCC  
 GTGATAAACCTAGCCTAGTCCCTGAACCTCCCTAAGGAGATCCCTTGAAGTTTGGCTGAACCTGGGAGG  
 CAGCACACCTGACCCTCAAAGGCCAGAGCCTACTTTCCCTTCAGGGCACTCTAGAGACACAACCAGCC  
 TCAGATATAATTGACATTGATTACTTTGAAGGATTGGATAGCGAGGGCCGAGGCACAGACATGGGCAGGT  
 TCCCGGGCTCACAGGAACCTCAGAAAATCACCTGATACTGAAGGAGAGACCCCTCCTGGAGCCTGCT  
 TGACTTATATGATGACTTCAACCCCTTTGATGAGTCTGATTTCTACCCACCACATCCTTCTATGATGAC  
 TTGGAAGAGGAGGAAGAGGAGGAGGATAAAGGATGCAGTGGGAGGCGGAGACCTGGAAGATGAAAGTG  
 ACCTCCTCCTGCCCTCTCAGAAGCCTGGTGTGGGGCTGGGACGGGACAGCCACCAGTCGATGGCATGC  
 AGTTCCACAGCATACTCTGGGGATGGTACCTGGTGGCAGCATCTCTTAGGCCCGCCCTGGAGAT  
 CCAGGCAAGGACCTGGCCACGAGCGAAAATGGAACAGAGTCCCGAGTTGGCTTTGTGAGACACAATGGCT  
 CCTGTGCGTCAGTGTGACCTTCCCGAGTTACTGTACAATGGCGGCAATGCTACCTGGTGGTCCATC  
 CATAGGGGCTTTCTGCAGGTGTAACACCCAGGACTATATCTGGCACAAGGGGATGCGCTGTGAGTCCATC  
 ATCACCGACTTCCAGGTGATGTGCGTGGCCGCTCGGCTCGGCTGCGTTGGTGTCTCCTTCTGTTATGA  
 TGACTGTGTTCTTTGCCAAGAACTCTATCTGCTCAAGACTGAGAACACCAAGCTGAGGAGGACCAACAA  
 ATTCCGGACCCCATCTGAGCTCCACAATGATAACTTCTCCCTCTCCACCATGCGGAGGGCTCCCATCCA  
 AATGATGACCCACGCGCTCCCCACAAAATCCAGGAAGCTCTCAAGTCCCGCCTGAAGGAGGAAGAGTCT  
 TTAACATCCAGAACTCCATGTCACCCAACTCGAGGGTGGCAAAGGTGACCAGGATGACTGGAGGTGAA  
 CTTTCTCCAGAATAACCTGACC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR200364 representing NM\_019284  
 Red=Cloning site Green=Tags(s)

MGRAGGGPGWGWPPVLLLLGVTLVLTAGAVPAREAGSAIEAEELVRSGLAWESRANDTREEAGLPAAGE  
 DETSWTERGSELAAVGPVGVPEETLEASAAVTGTAWLEADGTGLGGVTAEAGSGDAQTLPATLQAPDEAL  
 GSSTMPPIPEATEASGPPSPTLRDKPSLVPELPKEIPEVWLNLLGGSTPDPQRPEPTFPLQGTLETQPA  
 SDIIDIDYFEGLDSEGRGTDMRFPSPGTSENHPDTEGETPSWSLLDL YDDFTPFDESDFYPTTSFYDD  
 LEEEEEEEDKDAVGGGDEDESLLLLPSQKPGVPGTGQPTSRWHAVPPQHTLGMVPGGSI SLRPRPGD  
 PGKDLATSENGTECRVGFVRHNGSCRSDLFPSYCHNGGQCYL VENIGAFRCRCNTQDYIWHKGMRCESI  
 ITDFQVMCVAVGSAAALVLLLLFMMTVFFAKKL YLLKTENTKLRRTNKFRTPSELHNDNFSLSTIAEGSHP  
 NDDPSAPHKIQEALKSRKKEEESFNIQNSMSPKLEGGKGDQDDLEVNFLQNNLT

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

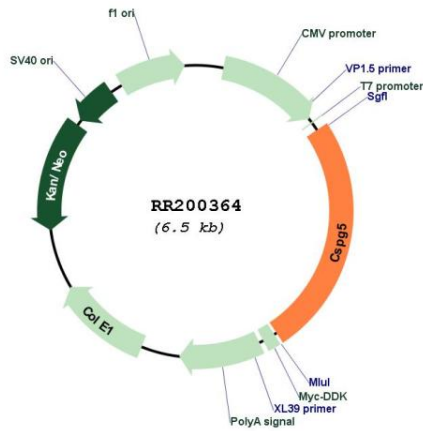
**Restriction Sites:**

Sgfl-MluI



Cytogenetics: 8q32  
 MW: 58.1 kDa  
 Gene Summary: proteoglycan expressed exclusively in brain and developing neurons [RGD, Feb 2006]

**Product images:**



Circular map for RR200364