

## Product datasheet for **SC331717**

### Neuroglycan C (CSPG5) (NM\_001206945) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Neuroglycan C (CSPG5) (NM\_001206945) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Neuroglycan C  
**Synonyms:** NGC  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331717 representing NM\_001206945.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGCCCCCTGCCATTCTGAGGCTACAGAGGCCAGCGGGCCACCCTCCCCACCCCGGCGACAAGCTG
AGCCCAGCTTCTGAACTCCCAAGGAGAGCCCCTTGGAGGTTTGGCTGAACCTGGGGGCGAGCACACCC
GACCCCTCAAGGGCCAGAGCTGACTTACCCATTTTCAGGGCACCCCTGGAGCCCCAACCGGCATCAGATATC
ATTGACATCGACTACTTGAAGGACTGGATGGTGAAGGTCGTGGCGCAGATCTGGGGAGCTTCCCAGGG
TCACCAGGAACCTCAGAGAACCACCTGATACTGAGGGAGAGACCCTTCTGGAGCCTGCTTGACTTA
TACGATGATTTACCCCCCTTCGATGAATCTGATTTCTACCCACCACATCCTTTTATGATGACTTGGAT
GAAGAGGAGGAGGAAGAGGAGGATGACAAAGATGCAAGTAGGAGGTGGAGACCTAGAAGATGAAAATGAG
CTTCTAGTGCCCACTGGGAAGCCTGGTCTGGGGCCCGGGACAGGCCAGCCACCAGTCGGTGGCATGCT
GTCCCTCCACAGCACACTCTGGGGTGGTCCCCGGCAGCAGCATCGCCCTCAGGCCCGCCAGGAGAG
CCAGGCAGGGACTTGGCCTCCAGTAAAAATGGCACTGAGTGCCGCACTGGCTTTGTGCGGCATAACGGC
TCCTGCCGGTCAGTGTGCGACCTTTCCCAAGTTACTGTCACAATGGCGGCCAGTGTACCTGGTGGAG
AACATAGGGGCCCTTCTGCAGGTGCAACACGCAGGACTACATCTGGCACAAGGGGATGCGCTGCGAGTCC
ATCATACCGACTTCCAGGTGATGTGCGTGGCCGTGGGCTCGGCTGCCCTCGTCTGCTCCTGCTCTTC
ATGATGACGGTGTCTTTGCCAAGAAGCTCTACCTGCTCAAGACGGAGAATACCAAGCTGGGTAGGACC
AACAAATTCGGACCCCATCTGAGCTCCACAATGATAACTTCTCCCTCTCCACCATTGCCGAGGGCTCT
CACCCAAATGTAAGGAACTTTGCAACTCCTCCGTACCTCCTCCCCCATGCCCGTGCCTTGGCTCAC
TATGATAACGTTATCTGTGAGGATGATCTAGTCTCCCCACAAAATCCAGGAGGTTCTCAAGTCTGCTG
CTGAAAGAGGAGGAGTCAATTAACATCCAGAACTCCATGTGCGCCAAACTTGAGGGTGGCAAAGGTGAC
CAGGCTGACTTGGATGTGAAGTGTCTTCAGAATAATTTAACCTAA
  
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001206945  
**Insert Size:** 1287 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001206945.1</a></u>
<b>RefSeq Size:</b>	2334 bp
<b>RefSeq ORF:</b>	1287 bp
<b>Locus ID:</b>	10675
<b>Cytogenetics:</b>	3p21.31
<b>Protein Families:</b>	ES Cell Differentiation/IPS, Transmembrane
<b>MW:</b>	46.7 kDa
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR and coding sequence compared to variant 3. The resulting isoform (5) is shorter at the N-terminus compared to isoform 3.</p>