

Product datasheet for SC331715

Neuroglycan C (CSPG5) (NM_001206943) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Neuroglycan C (CSPG5) (NM_001206943) Human Untagged Clone
Tag: Tag Free
Symbol: Neuroglycan C
Synonyms: NGC
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331715 representing NM_001206943.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGGCGAGCCGGGGCGGGGGCCGGGGCCGGGGCCGGCCACTGCTGCTGTTTCTGGGGGCCGG
CTGGTCTTGGCTCTGGGGCCGTGCCGGCGCGTGAGGCGGGCAGCGCGTTGAGGCCGAAGAGCTGGT
AAGGGCAGCCCGGCGTGGGAGCCGCTGCCAACGACACGCGGGAAGAAGCCGGCCACCAGCGGCTGGG
GAAGATGAGGCGTCGTGGACGGCGCCCGTGGCGAGCTGGCCGGCCAGAAGAGGTGCTGCAGGAGTCG
GCTGCGGTGACCGGCACCGCCTGGCTGGAAGCTGACAGCCAGGCTGGGAGGAGTGACCGCAGAGGCG
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ATGCCCCCTGCCATTCTGAGGCTACAGAGGCCAGCGGGCCACCTCCCCACCCCGGGCACAAGCTG
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GACCTCAAGGGCCAGAGCTGACTTACCATTTAGGGCACCTGGAGCCCAACCCGGCATCAGATATC
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TCACCAGGAACCTCAGAGAACCACCTGATACTGAGGGAGAGACCCCTTCTGGAGCCTGCTTGACTTA
TACGATGATTTACCCCCCTTCGATGAATCTGATTTCTACCCACCACATCCTTTTATGATGACTTGGAT
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CTTCTAGTGCCCACTGGGAAGCCTGGTCTGGGGCCGGGACAGGCCAGCCACCAGTCGGTGGCATGCT
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ATGATGACGGTGTCTTTGCCAAGAAGCTTACCTGCTCAAGACGGAGAATACCAAGCTGCGTAGGACC
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TATGATAACGTTATCTGTGAGGATGATCTAGTGTCCCCACAAAATCCAGGAGGTTCTCAAGTCTGTC
CTGAAAGAGGAGGAGTCATTTAACATCCAGAACTCCATGTGCCCCAAACTTGAGGGTGGCAAAGGTGAC
CAGGCTGACTTGGATGTGAACTGTCTTCAGAATAATTTAACCTAA
  
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Restriction Sites: Sgfl-MluI
ACCN: NM_001206943



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Insert Size:	1701 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:	<ol style="list-style-type: none">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:	<u>NM_001206943.1</u>
RefSeq Size:	2256 bp
RefSeq ORF:	1701 bp
Locus ID:	10675
UniProt ID:	<u>O95196</u>
Cytogenetics:	3p21.31
Protein Families:	ES Cell Differentiation/IPS, Transmembrane
MW:	60 kDa
Gene Summary:	<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 (3) encodes the longest isoform (3).</p>