

Product datasheet for **RN210294**

Shc3 (NM_001105743) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Shc3 (NM_001105743) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Shc3
Synonyms:	ShcC
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN210294 representing NM_001105743
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTCCACGCACCAAGTACAACCGCTTCAGGAATGACTCGGTGACATCGGTGCATGACCTTCTCCACA
 GCCTGTCGGTGAGCGGCAGCGGCCGCAAGGTCTCGGCGGAGCCCGCGGAGCCCTACCTGGTGTGGG
 CGAGGCGTGCACAAGGCGCCGACGATGGGCCCGGACGCTGGGCCACCTGCTCCACAAGTGTCCAC
 TTGAAACTCTCCAGCTCCGGCCTGCGTGGCCTGTCGTCGGCCGCCGGGAGCGGGCAGGAGCGCGCTCT
 CGGGCAGCTGCAGCGGCCAGCCTGGCGGCCCGGACGGTGGCAGCGGACCCCGGGTCCCGTCCCC
 GGCCGCCAGCATGAGCGCCACCAGGAAGAGCCGGGCCAGCGACGAGCCGTTGCCAGGCCCGCGGGG
 GCGCCGACGCGCAGCAGGTGCTGGGGTGGGAGTCACTATGTGGTCAAGTACTTGGGATGCATCG
 AAGTTCTGCGCTCAATGAGGTCTTTGACTTCAGTACAAGAAGTCAAGTTACCAGGAAGCCATCAGCCG
 TGCTCGCAAGCTGTGCCAGGCGCAAAGGAGCCTTCAAGAAGAGAAAGCCTCCGAGTAAATGCTGTCC
 AGCATCCTGGGAAGAGCAACCTCCAGTTCGACAGGGATGAGCATCTCCCTGACCATCTCCACCGCCAGCC
 TGAACCTGCGCACTCCTGACTCCAAACAGATCATAGCGAACCATCACATGCGGTCCATCTCTTCGCTC
 AGGGGAGACCCGGACACAACAGACTATGTTGCCTACGTCGTAAGGACCCTGTGAATCGCAGAGCTTGC
 CACATTCTGGAATGCTGTGACGGGCTAGCCCAAGATGTCATCGGCTCCATCGGACAAGCCTTTGAACTCC
 GGTTCAGCAGTATTTGCAGTGTCTTCCAAGATTCCTGCTCTCCAGGACCGAATGCAGAGTCTGGACGA
 GCCGTGGACTGAAGAAGAGGGAGATGGCCCCGATCACCCGTAACAACAGCGTTCCCAACAAGATGCCT
 CCTCCAGGAGGGTTTCTCGATGCTCGATTGAAAGCCAGACCCACGCTCCTGATGCAGCCAGTTTTAG
 GAAAAGAGCAAACCTTATTACCAGGGAAGACACTTAGGAGATGCATTCGGTGAAGACTGGCAGAGAGCACC
 CACCAGGCAAGGCTCCTTGGACATCTATAGCACACCAGAAGGAAAGCTCACATGGTTCCTGTAGGAGAA
 ACACCAACCTATGTCAACACCCAGCCAGTCCCACCACAGGTTTGCCAGCAGCAACCAGCAGCACTGAGA
 GCAGCCCACGGAAGGACCTTTTGACATGAAGCCTTTTGAAGTGCCCTCAGAAACCAACCCTGGGCC
 TGTGTTGAGCAAAGCTGCGTCTGTGGAGTGTATCAGCCCGTTACACCCAGAGCCCGGACGCCAAGATG
 CTGGAGGAGCTTAATGCTGAGCCCTGGTACCAAGGCGAGATGAGCAGGAAGGAGGAGGCTCTACTAC
 AGGAAGATGGAGACTTCTAGTCAGGAAGAGTACCACCAACCCCGGCTCCTTTGCTCCTCACAGGCATGCA
 CAATGGCCAGGCCAAGCACCTGCTGCTGGTGGACCCGGAAGGCACGGTCCGGACGAAGGACAGGGTCTTT
 GACAGCATCAGTCACCTCATTACTTACCACCTGGAGAGCAGCCTGCCATTGTCTCTGCCGGAGTGAGC
 TTTGTCTCCGGCAACCAGTGGAGAGGAAACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001105743

Insert Size: 1785 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_001105743.1](#), [NP_001099213.1](#)

RefSeq Size: 1968 bp

RefSeq ORF: 1785 bp

Locus ID: 114858

Cytogenetics: 17p14

Gene Summary: may be involved in brain-derived neurotrophic factor signalling during retinal development [RGD, Feb 2006]