

Product datasheet for **MC203994**

Chgb (NM_007694) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chgb (NM_007694) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chgb
Synonyms:	Scg-1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC014736
 GCTCTGCGGAGCCCGCACCCGCCGAGCTCCTCCTACACTCAGCTGGCGAGAGGCACCATGCAGCCGGCTA
 TGCTCCTCGGCCCTCTGGGCGCAGCGGCTCTGGCCGCTGTGAGCTCAGCTCCAGTGGATAACAGGGATCA
 CAATGAAGAAATGGTGACTCGTGCATTATCGAAGTCCTCTCAAATGCCCTATCCAAGTCCAGTGTTC
 ACGATCACCCCTGAGTGCCGGCAAGTCTGAAGAAGAGTGGAAAAGAGGTCAAAGTGAAGAGAAAGGTG
 AAAACCAAGAACTCGAAGTTTGAAGTACGGTTGCTAAGAGACCCAGCCGATGCCTCAGGAACCCGCTGGG
 CTCCAGTAGGGAGGATGCAGGCGCTCCAGTGAAGACTCTCAAGGCCAGACGAAGGTAGGCAATGAGAAG
 TGGACAGAAGGAGGAGGACACAGCCGAGAGGGAGTGGATGATCAAGAGAGTCTCCGTCCTCCAACCAAC
 AAGCGTCCAAAGAAGCAAAGATATACCATTGGAAGAGAGGGTGGAAAAGAGAGGGAGAAAAGAAGAGG
 CAAGATTTACCCAATGGGGGAGCACAGGGAAGATGCTGGTGAAGAGAAGAAAACACATTGAAGATTCTGGA
 GAGAAGCCGAACACCTTCTCCAACAAAAGAAGCGAGGCTTCCGCTAAGAAAAAGATGAGTCAGTGGCCA
 GAGCAGATGCACACTCCATGGAGCTGGAGGAGAAGACACACAGTAGGGAGCAAAGCAGCCAGGAGAGTGG
 AGAGGAGACAAGGAGGCAGGAGAAAACCCAGGAGCTTACCGACCAGGACCAGAGCCAGGAAGAATCCAG
 GAAGGCGAGGAAGGTGAGGAAGGCGAGGAAGGCGAGGAAGGCGAGGAAGACTCAGCCTCTGAAGTAACCA
 AACGCAGGCCAGACACCACCGGAGAAAGCGGGTCCAACAAGTCTCTTACGAAGGGCATCTCTATC
 TGAGGAAAAGGAGACCCTCTCCAAAGGAGTCCAAGGAGGCAGATGTGGCCACAGTCCGTTTAGGGGAAAA
 AGGAGTACCATCTAGCTCACTACAGGGCTTCAGAAGAAGAACCTGAATATGGGGAGAATCGAGAGACT
 ATCGGGGACTACAGTACCGGGTAGAGGAAGCGAAGAGGACAGAGCCCAAGGCCTCGGAGTGAGGAGAG
 TCAGGAAAGGGAGTATAAGAGAAACCCCGACTCTGAACTGGAAGGCACAGCAACAGACATGGTGAA
 GAAACCGAGGAAGAGAGGAGCTACGAGGGGGCAAAATGGACGCAACACAGAGGCAGGGGGCGGGAGCCAG
 GAGCCATTCTGCTCTTGACACCAGAGAAGAAAAAGGCTCTTGGATGAAGGGCACTACCCTGTTCCGGA
 AAGCCCAATAGATACGGCAAAAAGGTACCCACAAGCAAATGGCAAGAGCAGGAGAAAAACTACCTCAAC
 TATGGCGAGGAAGGGACCAAGGGAGATGGTGGCAGCAGGAAGAGCAGCTAGGACCGGAAGAAAGCAGGG
 AGGAAGTAAGGTTTCCAGACAGACAATATGAGCCCTATCCATCACTGAAAAGAGGAAGAGGTTAGGGGC
 GCTGTTCAACCCGTACTTTGACCCTCTCCAGTGAAGAATAGTGACTTTGAGAAAAGAGGCAACCCAGAT
 GACAGTTTTCTTGAGGATGAAGGTGAAGACAGAAATGGGGTGACCTTGACTGAGAAGAATTCCTTCCAG
 AGTACAATATGACTGGTGGGAGAGAAGGCCCTTCTCAGAGGATGTGAATTGGGGATATGAGAAGAGAAG
 CTTTGCCAGGGCCCTCAGCTCGACTTGAACGGCAATATGATGGAGTGGCCGAGTTGGACCAGTGCTT
 CACTACAGGAAGAAGGCAGACGAATTTCCCGATTCTACGACTCGGAGGAGCAGATGGGGCTCACCAGG
 AGGCAACGATGAAAAGGCCAGGCTGACCAGAGAGTTCTGACGGCGGAAGAGAAAAAGGAACTGGAGAA
 CTTGGCTGCGATGGATCTGGAATCCAGAAGATAGCGGAAAAGTTCAGCCAGCGGGGCTGACAGTTGGAG
 AGACGAGCCTTTCACTGAAGGACACCATTGATTACCCACAGGCAGAAAGCAGAATTTACTGTTTATTAA
 ATGTTTGTAGCAGTTGGAATATCATTTATCTTTGCCAGAATGCTAATGCCATGTGACTAGCGTGACTTG
 TAGCGTATTCTTCTGCAAAATAGATGTTTCACGTGTCTGTGACAATGACCGTGTACTGTTGTTGAAAC
 ACAAACAATAAAAAGATTTACCTGAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_007694

Insert Size: 2034 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: [BC014736](#), [AAH14736](#)

RefSeq Size: 2347 bp

RefSeq ORF: 2034 bp

Locus ID: 12653

UniProt ID: [P16014](#)

Cytogenetics: 2 64.74 cM

Gene Summary: Secretogranin-1 is a neuroendocrine secretory granule protein, which may be the precursor for other biologically active peptides.[UniProtKB/Swiss-Prot Function]