

Product datasheet for **RN211862**

Chgb (NM_012526) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chgb (NM_012526) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chgb
Synonyms:	MGC156676
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211862 representing NM_012526
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGCGGGCCATGCTCCTCGGCCTCCTGGGCGCAGCAGCTCTGGCTGTGTCATCTCAGTCCAGTGG
 ATAACAGGGATCACAATGAAGAAATGGTACTCGCTGCATTATTGAAGTCCTCTCAAATGCCTATCCAA
 GTCCAGTGTCCAACCATCACCCCTGAGTGCCGCAAGTCTGAGGAAGAGTGGAAAAGAGGTCAAAGGT
 GAAGAGAAAGGTGAAAATGAGAAGTTCGAAAGTTTGAAGTACGGTTGCTAAGAGACCCATCTGATGCCTCAG
 TAGGCCGCTGGGCTCCAGTAGGGAGGAAACAGGGGCTCCAGTAGAAGACTCTCCAGGTCAAGCGAAGGT
 AGACAATGAGGAGTGGACAGGAGGAGGAGGACACAGTTCGAGAGGCAGTAGATGACCAGGAGAGCCTCCAT
 CCCTCCAACCAACAAGTGTCCAAAGAAGCAAAGATACGCCATTCGGAGGAGAGGGGCGGAAAAGAGGAGG
 AGGAGGAAGAAGCAAGATTTATCCAAAGGAGAGCATAGGGGAGATGCTGGTGAGGAGAAGAAACACAC
 TGAAGAATCTGGAGAGAAACACAACGCCTTCTCCAACAAAAGAAGCGAAGCTTCAGTAAGAAAAAAGAG
 GAGTCACTGGCCAGAGCAGAGGCACACTTCGTGGAGCTGGAGAAGACACACAGCAGGGAGCAGAGCAGCC
 AGGAGAGTGGAGAGGAGACGAGGAGGCAGGAGAAACCACAGGAGCTTCCCAGCAGGACAGAGCGAGGA
 AGAATCCGAGGAAGGCGAGGAAGGCGAGGAAGGCGCAACCTCAGAAGTAACCAAACGCAGGCCAGGAC
 CACCACTGGAGAAGCCAGTCCAACAAGCCCTTACGAAGGGCGTCGCTCTGTCTGAGGAAAAGGAAAAC
 ATGCTGCTGGGGAGTCCAAGGATGCAAAATGTGGCCACAGCCAATTTAGGGGAAAAAGGGGCCACCACCT
 AGCTCACTACCGGGCTTCAGAGGAAGAAGTACTATGGGGAAGAATTGAGAAGCTATCCGGGCTCCAG
 GCTCCCCAGGGACTGCAGTACCAGGGCAGAGGAAGTGAAGAGGTGAGAGCCCAAGCCCTCGGAGTGAGG
 AGAGCCAGGAAAAGGAGTACAAGAGAAACACCCCGACTCTGAACTGGAAAGCACAGCAAAACAGACACAG
 TGAAGAAACTGAGGAAGAGAGGAGCTACGAGGGGCAAAGGGACGACAACACAGAGGCAGGGGGCGGGAG
 CCAGGAGCTTATCCTGCTCTTGACAGCAGACAAGAAAAAGGCTCCTGGATGAAGGGCATGACCCTGTTT
 ATGAAAGCCAGTAGATACGGCAAAAAGGTATCCACAAAGCAAATGGCAGGAACAGGAGAAAAACTACCT
 CAACTATGACGAGGAAGGGGACCAAGGAAGATGGTGGCAGCAGGAAGAGCAGCTAGAACCAGGAAGAAAGC
 AGGGAGGAAGTGAGCTTCCAGACAGACAATACGCGCCCTACCCCACTGAAAAGAGGAAGAGGCTAG
 GGGCGTGTTCACCCGACTTTGACCCTCTCCAGTGAAGAATAGCGACTTTGAGAAAAAGGCAACCC
 AGATGACAGTTTCTTGATGATGACGGCAAGACGGAATGGGGTACAATGACTGAGAAGAATTTCTTC
 CCAGAGTACAATATGACTGGTGGGAGAAAAGGCCCTTCTCGGAGGATGTGAATGGGGATATGAGAAGA
 GAAGCTTTGCCAGGGCCCTCACTTGGACTTGAAGGCAATACGACGATGGAGTGGCTGAACTGGACCA
 GCTCCTTCACTACAGGAAGAAGGCAGCCGAATTTCCCGACTTCTACGATTGAGAGGAGCAGATGGGGCT
 CACCAGGAGGCAGAAGATGAAAAGGACAGGGCTGACCAGAGAGTTCTGACCGAGGAAGAGAAAAAGGAAC
 TGGAGAAGTTGGCGGCCATGGATCTGAACTGCAGAAAAAGCGGAAAAGTTAGCCAGCGGGGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_012526
- Insert Size:** 2028 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_012526.2](#), [NP_036658.2](#)

RefSeq Size: 2564 bp

RefSeq ORF: 2028 bp

Locus ID: 24259

UniProt ID: [O35314](#)

Cytogenetics: 3q36

Gene Summary: secretory granule protein expressed in neuroendocrine cells [RGD, Feb 2006]