

## Product datasheet for **RN201430**

### Chga (NM\_021655) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Chga (NM_021655) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chga
Synonyms:	MGC105435
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201430 representing NM\_021655  
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC  
 GCCC

ATGCGCTCTCCGCGCTTTGGCGTTCTGCTGTGCGCCGGCAAGTCTTTGCCCTTCTGTGAACAGCC  
 CTATGACAAAAGGGGACACTAAGGTGATGAAGTGTCTCTGGAGGTCATCTCCGACTCGCTGCCAAACC  
 CAGCCCCATGCCTGTCAGCCCTGAGTGTCTGGAGACCCTCCAAGGAGATGAGAGGGTCTCTCCATCCTT  
 CGACACCAGAATTTGCTGAAGGAACTTCAAGACCTGGCGTTCAAGGTGCCAAGGAGCGGGCCAGCAGC  
 AGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAACAACAACAACACAGCAGCTTTGAGGATGA  
 ACTCTCGAAGTATTTGAGAACCAGAGCCCTGCAGCCAAGCATGGAGACGCAGCATCAGAAGCCCCCTCC  
 AAGGACACTGTAGAGAAGAGAGAGGATTCTGACAAGGGGCAACAGGATGCCTTTGAGGGAACACAGAAG  
 GACCCAGACCTCAGGCCCTTCCAGAGCCCAAGCAGGAGTCTCTATGATGGGAAACAGTCAATCTCCAGG  
 GGAGGACACAGCCAACAATACCCAATCACCAACCAGCCTCCCCAGCCAGGAGCATGGGATTCCACAGACC  
 ACAGAAGGCAGTGAGAGAGGTCCCAGTGCCAGCAGCAAGCCAGAAAAGCCAAGCAAGAGAGGAAAAGAGG  
 AAGAGGAGGAGGAAAAGAGGAAGAGGAGGAGGAGAAAAGAGGAGAAGGCGATCGCCAGAGAGAAGGCTGG  
 GCCTAAAGAAGTCCCCACGGCAGCATCCAGTTCTCACTTCTATTGAGGCTACAAGAAGATCCAGAAAAGAT  
 GATGATGGTCAGTCGGAGTCTCAGGCAGTGAATGGAAAGACAGGGGCTTCTGAAGCTGTGCCATCTGAAG  
 GGAAGGGGGAGCTGGAGCACTCTCAGCAGGAGGAAGATGGGGAAGAGGCCATGGCAGGGCCCCCAAGG  
 TCTTTCCAGGTGGGAAGGGCCAGGAGCTGGAACGTAAGCAGCAGGAGGAGGAAGGAAGAGGAGCGT  
 CTGTCCAGAGAATGGGAGGACAAGCGATGGAGCAGGATGGACCAGCTGGCCAAGGAGCTGACAGCAGAGA  
 AGCGGCTGGAGGGGAAGATGACCTGACCGTCCATGAAGCTCTCCTTCCGGGCCGGGCTATGGCTT  
 CAGGGACCTGGGCCTCAGCTACGCCGGGCTGGAGGCCATCTTCCAGAGAAGACAGTGTGGAGGCCCGA  
 GCGACTTTGAGGAAAAGGAAGAGGAGGGCAGCGCCAACCGCAGAGCAGAGGACCAGGAGCTAGAGA  
 GCCTGTACGCATCGAGGCAGAGCTGGAGAAGGTGGCCACCAGCTGCAGGCTTTGCGACGGGA TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** AscI-MluI
- ACCN:** NM\_021655
- Insert Size:** 1398 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\\_021655.2](#), [NP\\_067687.2](#)  
RefSeq Size: 1905 bp  
RefSeq ORF: 1398 bp  
Locus ID: 24258  
Cytogenetics: 6q32  
Gene Summary: an acidic glycoprotein involved in regulation of dense-core secretory granule biogenesis in neuroendocrine and endocrine cells [RGD, Feb 2006]