

## Product datasheet for **RN207214**

### Colgalt1 (NM\_001106067) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Colgalt1 (NM_001106067) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Colgalt1
Synonyms:	Glt25d1; RGD1309002
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN207214 representing NM\_001106067  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGGCTTGCCTGTGTGGTCGCGGGCTGTGTTGTGCCGCTGCTCCTCTGTTGTGCTTCTGG  
 GCGGTCCGCGCGCGCTGATGGCTACTTCCAGAGGAGCGCTGGAGCCCTGAGTCCCGCTACAGGCGCC  
 TCGCGTGTCTATAGCGTGTGGCGCGAACGCCGCACCCCGCTTCCGCGCCACGCTGGGCGCCCTGGAA  
 CGGCTGCGCCACCCACGGGAGCGCACGGCGCTGTGGTGGCCACAGATCATAACTGACAACTTCAG  
 CCATACTCGAGAGTGGCTGGTGGCAGTGAAGGGTTTATACCACTCTGTGGAGTGGCGCCGCGAGGGA  
 ACCCAGCTCTACCCAGATGAAGAGGGCCCAAACTGGTCTGATTCGCGCTATGAACATGTCATGAAA  
 CTGCGCCAAGCAGCCTTGAAGTCAGCTAGGACATGTGGGCTGACTACATTCTGTTTGTGGACAGCGACA  
 ACTTGATTACCAACCCCGACACTCTGAGCTGCTCATTGCTGAGAACAAGACAGTGGTGGCCCCATGCT  
 GGACTCCCGGGCAGCGTACTCCAACCTTGGTGTGGGATGACCTCGCAGGGCTACTACAAGCGCACCCCT  
 GCCTATATCCCATCCGAAAACGAGACCCGAGGGGCTGCTTTCAGATTCCCATGGTGCACCTACCTTCC  
 TCATTGACCTGCGTAAGGCCGATCCAGGAACCTGGCCTTCTACCCACCACCCGGACTACACCTGGTC  
 TTTTGATGACATCATCGTCTTCGCTTCTCCTGTAACAGGCGGAGGTGCAAATGTACGTGTGCAATAAG  
 GAGGTGTACGGCTTCTTGCCCGTCCCGTACGCTCGCACAGCAGCCTGCAGGACGAGGCAGAGAGCTTCA  
 TGCACGTGCAGCTGGAGGTATGGTGAAGCATCCACCAGTGCAGCTCTCCCGATTATCTCAGCACCCAA  
 GAAAATGCAGACAAGATGGGCTTTGACGAGGTCTTATGATCAACCTGAAGCGGAGGCTGGACCGGCGA  
 GAGCGCATGCTGCGGGCACTGCATGAGCAGGAGATTGACTTCCAGCTGGTAGAGGCTGTGGACGGCAAAG  
 CCATGAACACCAGCCAGGTGGAGGCTATGGGCATCCAGATGCTCCTGGCTACCGGACCCCTACCATGG  
 GCGGCCACTCACCAAGGGAGAGCTGGGCTGCTTCTCAGCCACTACAACATCTGGAAAGAGGTGGTTGAC  
 CGGGGACTACAGAAATCACTAGTCTTTGAGGATGATCTACGTTTTGAGATCTTCTCAAGAGACGTCTGA  
 TGAACCTCATGCAGGATGTGGAGCGTGAAGGGCTGGATTGGGACCTCATCTACGTGGCCGGAAGCGCAT  
 GCAGGTGGAGCACCCGAAAAAGCTGTGCCCGTGAAGGAACCTGGTGGAGGCTGATTACTCTACTGG  
 AACTAGCCTATGTAATCTCCCTGCAAGGTGCTCAGAAGTTGCTGCTGCCAAGCCACTGGCCAAAATGC  
 TACCTGTCGATGAGTTTCTGCCTGTCATGTTTGAACAAGCACCAATGTCAGAATAACAAGAGTCATTCTC  
 TCCCCGAACCTGCGTGCCTTCTCGTGGAGCCCTCCTATCTACCCTACACACTACACGGGGATGAT  
 GGTATGTGAGTGACACAGAGACCTCAGTTGTGTGGAATAATGAACAGGTTAAGACCGACTGGGACAGAG  
 CCAAGTCCAGAAGATGCGGGAAACGAAGCACTGAGCCGTGAGGCCAAGAACTCAGATGTGCTCCAATC  
 TCCACTGGACAGCACTGCCCGTGTGAGCTTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001106067
- Insert Size:** 1854 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\\_001106067.2](#), [NP\\_001099537.1](#)

**RefSeq Size:** 3039 bp

**RefSeq ORF:** 1854 bp

**Locus ID:** 290637

**Cytogenetics:** 16p14