

Product datasheet for **RN213467**

Golga5 (NM_001033065) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Golga5 (NM_001033065) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Golga5
Synonyms:	Ret-II
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>RN213467 representing NM_001033065

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGCTCTGGTTGCTGATCTTGCTGGAAGGGCTGAAGATCTTTAAACCGAGTGGATCAGGGGGCTGCAA
CAGCTCTCAGAAAGGAGAGTACCAGCAACACCTTTATAGCAAAAATACTGACTATCCTGAACTTCACCA
GCAAAACACAGATTCAACTTACCACACTGGACAGAAAGCTAACTATATTTCTCAGCTGCTGATAACATC
CGGCATCAGAAAGCCACGATCATAGCTGGCACAGCAATGTGAAAGTCGGATCCAGGACAGGCGGAGATG
CCTCCCATCCCACTGAACATGCATCTGTCCCTAGGCCTTCATCCCATTTTGTTCGGAGGAAAAAGTCAGA
GCCTGATGATGAGCTGCTATTCGATTTTCTTAACAGTTCAGGAGAGCCCACTGGGAGAGTGGAAATC
AAGAAAGAGAAGGGCAAGCACCTGTGCTCCCAAGTTCTCAGTCATCAGCTGTGAGTTCTGTACCACCA
GTGTAACCACCATCAAGGCCACTGAAGAAAATTCTGGGAGCCAAAGTCCTGAAGTGAGTAGCTCTGATTC
TATGCCGAAGGTCATAAAAAATCCACAGAGGAAAGCACAGTATCGAATGCTATCAGTGTGGAGCACAGC
TCTGTACCTAGTGATGGAAGCATGTCCCATGAGCTGTCTAATCTCCGACTGGAGAATCAGCTGCTCAGGA
ATGAAGTCCAGTCTTTAAATCAGGAAATGGCCTCATTGCTTCAGAGATCCAAGGAAACTCAAGAAGATT
AAACGAGGCAAGAGTAAGAGTTGAAAAATGGAATGTTGACAATTCAAAGAGTGATCGAATAACTCGGAA
CTACGAGCCCAAGTCGATGATCTCACTGAAGCAGTGGCTGCAAGGACTCCAGCTGGCTGTCTCAAAG
TGCGACTGCAGGAGGCTGACCAGGTGCTGAGCTCCCGCACGGAAGCACTGGAAGCTTTACAGAGTGAAAA
GTCACGAATAATGCAGGATCACAATGAAGGTAGTAGTCTACAAAATCAAGCTCTGCAAACTCTTCAGGAG
AGGCATGAAGCGGATGCCACTCTGAAGAGAGAGCAAGAGAGCTACAAACAAATGCAGAGTGAGTTTGCTA
CACGCCTTAATAAAATGGAAGTGGAACGTCAGAATTTGGCAGAAGCAGTTACCCTGGCAGAAAGAAAGTA
CTCTGAGGAGAGGAAGAAGGTTGATGACCTCCAGCAGCAAGTCAAGTTACACAGGTCGAGCTTGGAGTCC
GCTAAGCAGGAGTTAGTTGACTACAAGCAAAAAGCTACAAGGATACTCCAATCTAAAGAAAAACTGATCA
ATAGCTTAAAGGAAGGCTCGAGTTTGAAGGCCTAGATAGCAGTACTGCTAGCAGCATGGAAGTAGAAGA
ACTTCGGCATGAGAGAGAGTTGCAGAAGGAGGAGATCCAGAAGTTGATGGGCCAGATACATCAGCTGAGA
TCTGAGCTACAGGATATGGAGGCTCAGCAGGTTAGTGAAGCAGAATCAGCAAGAGAACAATTACAAGATC
TGCAAGACCAGATAGCTAAGCAGAGGGCATCTAAACAAGAGCTGGAAACGGAGCTGGACCGAATGAAACA
GGAATTCATTACGTGGAGGAAGATCTGCATAGAACAAGAACACACTGCAAAGCAGGATTAAGATCGA
GAGGAGGAAATCAAAGCTGAGGAATCAGCTACCAACAAAACCTTTAAGCAACAGCAGCCAGTCGGAGC
TAGAGAGCCGCTCCATCAGCTAACGGAACACTCATCCAGAAGCAGACCCTGCTGGAGAGCCTCAGCAC
AGAGAAGAACTCCCTGGTCTTCCAGCTGGAGCGCTCGAGCAGCAGCTGCACTCTGCCGCCACGGGGCCC
AGCAGCGGATCTCCATTAACATGTCTGGAGTTGACAGTGGTGAAGGGACACGCCTGCGAAATGTTCTCTG
TTCTTTTAAATGACACAGAACTAATCTAGCAGGAATGTATGGGAAGGTTTCGAAAGCTGCTAGCTCCAT
TGACCAATTTAGTATTCGCTGGGAATTTCTCCGGAGGTACCCCATAGCACGAGTGTTTGTGATTATC
TATATGGCTTTACTTCACCTCTGGGTCTGATTGCTGCTGACCTACTCACCAGAAATGCACCATGACC
AACCGTACGGCAAG**TA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001033065

Insert Size:

2187 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:	<u>NM_001033065.1, NP_001028237.1</u>
RefSeq Size:	2187 bp
RefSeq ORF:	2187 bp
Locus ID:	299258
UniProt ID:	<u>Q3ZU82</u>
Cytogenetics:	6q32
Gene Summary:	Involved in maintaining Golgi structure. Stimulates the formation of Golgi stacks and ribbons. Involved in intra-Golgi retrograde transport.[UniProtKB/Swiss-Prot Function]