

Product datasheet for RC235398

Giantin (GOLGB1) (NM_001256488) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Giantin (GOLGB1) (NM_001256488) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GOLGB1
Synonyms:	GCP; GCP372; GOLIM1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC235398 representing NM_001256488 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAATTTAATAACTACACAAGAAGATGTTTCAGGAGCGCCTGGCTTATGCAGAGCAATTGGTGGTGG
AGCTAAAAGATATTATTAGACAGAAGGATGTTCAACTGCAGCAGAAGATGAAGCTCTACAGGAAGAGAG
AAAAGCTGCTGATAACAAAATTAATAAACTAAACTTTCATGCGAAGGCCAAATTAAGCTTCTTTGAATAAA
TACATAGAAGAAATGAAAGCACAAGGAGGACTGTTCTGCCTACAGAACCTCAGTCAGAGGAGCACTTT
CCAAGCATGACAAGATTCTACAGAGGAAGAGATGGAAATAGAAAAGATAAAACATAAGCTCCAGGAGAA
GGAGGAACATAATCAGCACTTTGCAAGCCAGCTTACTCAGGCACAGGCAGAAACAACCTGCACAGATTCT
ACAGAGATGGAAGAATTTGTAATGATGAAGCAACAGCTCCAGGAGAAGGAAGAAATTCATTAGCACTTTAC
AAGCCAGCTCAGCCAGACACAGGCAGAGCAAGCTGCACAGAAATGAGGGTGCTGCAAAGGAAGCTTGA
GGAACACGAAGAATCCTTGGTGGCCGTGCTCAGGTCGTTGACTTGCTGCAACAGGAGCTGACTGCTGCT
GAGCAGAGAAACCAGATTCTCTCAGCAGTTACAGCAGATGGAAGCTGAGCATAATACTTTGAGGAACA
CTGTGGAACAGAAAGAGAGGAGTCCAAGATTCTACTGGAAAAGATGGAAGTGGCAGAGAGAGAAA
ATTATCCTTCCATAATCTGCAGGAAGAAATGCATCATCTTTTAGAACAGTTTGAGCAAGCAGGCCAAGCC
CAGGCTGAACTAGAGTCTCGGTATAGTCTTTGGAGCAGAAGCACAAGCAGAAATGGAAGAGAAGACCT
CTCATATTTTGTGCTTTCAAAGACTGGACAAGAGCTGCAGTCTGCCTGTGATGCTCTAAAGGATCAAAA
TTCAAAGCTTCTCAAAGATAAGAATGAGCAAGCAGTTCAGTCAGCCAGACCAATTCAGCAACTGGAAGAT
CAGCTCCAGCAAAAATCCAAAGAAATTAGCCAATTTCTAATAGACTGCCCTTGCAACAACATGAAACAG
CATCTCAGACTTCTTTCCAGATGTTTATAATGAGGGCACACAGGCAGTCACTGAGGAGAATATTGCTTC
TTTGCAGAAGAGAGTGGTAGAACTAGAGAATGAAAAGGGAGCCTTGCTCCTTAGTTCTATAGAGCTGGAG
GAGCTGAAAGCTGAGAATGAAAAGTGTCTTCTCAGATTACTCTCTAGAGGCTCAGAATAGAAGTGGGG
AGGCAGACAGAGAAGTCAGTGAGATCAGCATTGTTGATATTGCCAACAAGAGGAGCTCTTCTGCTGAGGA
AAGTGGACAAGATGTTCTAGAAAACACATTTTCTCAGAAAACATAAAGAATTATCAGTTTTATTGTTGGAA
ATGAAAGAAGCTCAAGAGGAAATTCATTTCTTAATTACAGCTCCAGGGAAAAAGGGCTGAGGAAGCAG



[View online »](#)

ATCATGAGGTCCTTGACCAGAAAGAAATGAAACAGATGGAGGGTGAGGGAATAGCTCCAATTAATAATGAA
AGTATTTCTTGAAGATACAGGGCAAGATTTTCCCTTAATGCCAAATGAAGAGAGCAGTCTCCAGCAGTT
GAAAAAGAACAGGCGAGCACTGAACATCAAAGTAGAACATCTGAGGAAATATCTTTAAATGATGCTGGAG
TAGAATTGAAATCAACAAAGCAGGATGGTGATAAATCCCTTTCTGCTGTACCAGATATTGGTCAGTGTCA
TCAGGATGAGTTGGAAAGGTTAAAAAGTCAAATTTGGAGCTCGAGCTAACTTTCAAAAGCACAAGAA
ATCTATGAGAAAAATTTAGATGAGAAAGCTAAGGAAATTAGCAACCTAAACCAGTTGATTGAGGAGTTTA
AGAAAAATGCTGACAACAACAGCAGTGCATTCCTGCTTTGTCTGAAGAAAGACCCAGCTCTCTCTCA
GGTGAAGGAACCTAGCATGGTAACAGAATTTGAGGGCTCAGGTAAGCAACTGGAATGAACCTTGCAGAA
GCAGAAAGGCAAAGAACTTGATTATGAAAGCCAACTGCCATGACAACCTGCTCACTGAACAGATCC
ATAGTCTCAGCATAGAAGCCAACTAAAGATGTGAAAATTTGAAGTTTTACAGAATGAACTGGATGATGT
GCAGTTCAGTTTTCTGAGCAGAGTACCCTGATAAGAAGCCTGCAAAGCCAGCTGCAAAAATAGGAAAGT
GAAGTCTTGAGGGGCGAGAACGTGAAGGCATATCTCAAGTAAAGTGAAGAACTGTCCAGGCTCTTT
CACAGAAGGAACCTGAAATAACAAAAATGGATCAGCTCTACTAGAGAAAAAGAGAGATGTGAAACCCCT
CCAACAAACCATCGAGGAGAAGGATCAACAAGTGACAGAAATCAGCTTTAGTATGACTGAGAAAAATGGTT
CAGCTTAATGAAGAGAAGTTTTCTTTGGGGTTGAAATTAAGACTCTTAAAGAACAGCTAAATTTATTAT
CCAGAGCTGAGGAAGCAAAAAAGAGCAGGTGGAAGAAGATAATGAAGTTTCTTTCGGCCTTAAACAAAA
TTATGATGAGATGAGCCAGCAGGACAAAATAAGTAAGGAAGAAGTTCAGCATGAATTTGACCTTCTGAAG
AAAGAAAATGAGCAGAGAAAAGAGAAAGCTCCAGGCAGCTCTTATTAACAGAAAAGGAGCTTCTGCAAAGAG
TCAGTAGATTGGAAGAAGATTAGCCAACCTGAAAGATGAATCTAAGAAAGAAAATCCCACTCAGTGAGAC
TGAGAGGGGAGAAGTGAAGAAGATAAAGAAAACAAAGAATACTCAGAAAAATGTGTGACTTCTAAGTGC
CAAGAAATAGAAATTTATTTAAACAGACAATATCTGAGAAAGAAAGTGAAGTACAGCATATAAGGAAGG
ATTTGGAAGAAAAGCTGGCAGCTGAAGAGCAATTCAGGCTCTGGTCAAACAGATGAATCAGACCTTGCA
AGATAAAAACAAACCAATAGATTTGCTCCAAGCAGAAAATCAGTGAAGAAACCAAGCAATTAACGAAGTTA
ATCACAAGTAACACGGATGCAAGTGATGGGACTCCGTAGCACTTGTAAGGAAACAGGTTGATGAAGTCA
CACCTTGTACAGGTAGTGTGAACACTGGAACAGAACTAGAAGAAAAGATACTGGCCCTTGA AAAAGA
AAAGGAGCAACTTCAAAAGAAGCTACAGGAAGCCTTAACCTCCCGCAAGGCAATTTCTAAAAAGGCACAG
GAGAAAGAAAGACATCTCAGGGAGGAGCTAAAGCAACAGAAAGATGACTATAATCGCTTGAAGAACAGT
TTGATGAGCAAAGCAAGGAAAATGAGAATATTGGAGACCAGCTAAGGCAACTCCAGATCAAGTAAGGGA
ATCCATAGACGGAAGCACTCCAAGCACAGACCAGCAGGAATCGTGTCTTCCACTCCAGGTTTAGAAGAA
CCTTTATTCAAAGCCACAGAACAGCATCACTCAACCTGTTTTAGAGTCCAACCTGTGCCAGACTGGC
CTTCTCATTCTGAAGATGCGAGTCTCTCAGGGCGGAACCTCTGTTGCCAGATTAAGGCCAGCTGAA
GGAATAGAGGCTGAGAAAGTAGAGTTAGAATTGAAAGTTAGTTCTACAACAAGTGAAGTCTACTAAAAAA
TCAGAAGAGGTATTTAGTTACAAGAGCAGATAAATAAACAGGGTTTAGAAATCGAGAGTCTAAAGACAG
TATCCCATGAAGCTGAAGTCCATGCCGAAAGCCTGCAGCAGAAATTTGAAAGCAGCCAACCTACAAATTC
TGGCCTAGAACATCTAAGAGAATTGCAACCTAACTGGATGAACTGCAAAAACTCATAAGCAAAAAGGAA
GAAGACGTTAGCTACCTTTCTGGACAACCTAGTGAGAAAGAAGCAGCTCTCACTAAAATACAGACAGAGA
TAATAGAACAAGAAGATTTAATTAAGGCTCTGCATACACAGCTAGAAATGCAAGCCAAAGAGCATGATGA
GAGGATAAAGCAGCTACAGGTGGAACCTTGTGAAATGAAGCAAAAACAGAAAGAGATTGGAGAAGAAAGT
AGAGCAAAAGCAACAAATACAAAGGAAACTGCAAGCTGCCCTTATTTCCGAAAAGAAGCACTAAAAGAAA
ACAAAAGTCTCCAAGAGGAATTGTCTTTGGCCAGAGGTACCATTGAACGCTCTACCAAGTCTCTGGCAGA
TGTGAAAAGCAGTTTCTGCTCAAAATAAAGAAAAGATACGGTCTTAGGAAGTTAGCTCTTCTTCAA
GAAGAAAGAGACAACTCATTACAGAAATGGACAGGTCTTTATTGGAAAATCAGAGTCTCAGCAGCTCCT
GTGAAAGTCTAAAAGTCTAGAGGCTTACTGAAGACAAGGAAAAGTTAGTGAAGGAAATGAAATC
TTTGAAATCTTCTAAGATTGCAGAAAGTACTGAGTGGCAAGAGAAAACACAAGGAGCTACAAAAAGAGTAT
GAAATCTTCTGAGTCTATGAGAATGTTAGTAATGAAGCAGAAAGGATTCAGCATGTGGTGAAGCTG
TGAGGCAAGAGAAAACAAGAACTGTATGGCAAGTTAAGAAGCACAGAGGCAAAACAAGAAGGAGACAGAAAA
GCAGTTGCAGGAAGCTGAGCAAGAAATGGAGGAAATGAAAGAAAAGATGAGAAAGTTTGCTAAATCTAAA
CAGCAGAAAATCCTAGAGCTGGAAGAAGAGAATGACCGGCTTAGGGCAGAGGTGCACCCTGCAGGAGATA
CAGCTAAAGAGTGTATGGAACACTTTCTTCTTCCAATGCCAGCATGAAGGAAGAAGTGAAGGGTCAA
AATGGAGTATGAAACCTTTCTAAGAAGTTTCACTCTTTAATGTCTGAGAAAAGACTCTCTAAGTGAAGAG
GTTCAAGATTTAAGCATCAGATAGAAGGTAATGTATCTAAACAAGCTAACCTAGAGGCCACCGAGAAAAC
ATGATAACCAACGAATGCTCACTGAAGAGGGAACACAGTCTATACCAGGTGAGACTGAAGAGCAAGACTC

TCTGAGTATGAGCACAAGACCTACATGTTCAAGATCGGTTCCATCAGCGAAGAGTGCCAACCCTGCTGTA
 AGTAAGGATTTACGCTCACATGATGAAATTAATAACTACCTACAGCAGATTGATCAGCTCAAAGAAAAGAA
 TTGCTGGATTAGAGGAGGAGAAGCAGAAAAACAAGGAATTTAGCCAGACTTTAGAAAAATGAGAAAAATAC
 CTTACTGAGTCAGATATCAACAAAGGATGGTGAACATAAAATGCTTCAGGAGGAAGTAACCAAAATGAAC
 CTGTTAAATCAGCAAATCCAAGAAGAACTCTCCAGAGTTACCAAACTAAAGGAGACAGCAGAAGAAGAGA
 AAGATGATTTGGAAGAGAGGCTTATGAATCAATTAGCAGAACTTAATGGAAGCATTGGAATTTACTGTCA
 GGATGTTACAGATGCCCAAATAAAAAATGAGCTATTGGAATCTGAAATGAAGAACCTTAAAAAGTGTGTG
 AGTGAATTTGGAAGAAGAAAAGCAGCAGTTAGTCAAGGAAAAAACTAAGGTGGAATCAGAAATACGAAAGG
 AATATTTGGAGAAAAACAAGGTGCTCAGAAAAGAACCCGAAATAAAAGCCATGCAAGGAACTTCAGGA
 ACTGTTAAAAAGAAAAACAACAAGAAGTAAAGCAGCTACAGAAGGACTGCATCAGGTATCAAGAGAAAATT
 AGTGCTCTGGAGAGAACTGTTAAAGCTCTAGAATTTGTTCAAACCTGAATCTCAAAAAGATTTGGAATAA
 CCAAAGAAAACTGGCTCAAGCAGTTGAACACCGCAAAAAGGCACAAGCAGAATTAGCTAGCTTCAAAGT
 CCTGCTAGATGACTCAAAGTGAAGCAGCAAGGGTCTAGCAGACAATCTCAAGTTGAAAAAGGAACTT
 CAGTCAAATAAAGAATCAGTTAAAAGCCAGATGAAACAAAAGGATGAAGATCTTGAGCGAAGACTGGAAC
 AGGCAGAAGAGAAGCACCTGAAAGAGAAGAATAATGCAAGAGAACTGGATGCTTTGCGCAGAGAAAA
 AGTCCACTTGGAAAGAGACAATTGGAGAGATTAGGTTACTTTGAACAAGAAAGACAAGGAAGTTCAGCAA
 TTTCAGGAAAACCTGGACAGTACTGTGACCCAGCTTGCAGCCTTTACTAAGAGCATGTCTCCCTCCAGG
 ATGATCGTGACAGGGTGATAGATGAAGCTAAGAAATGGGAGAGGAAGTTTAGTGATGCGATTCAAAGCAA
 AGAAGAAGAAATAGACTCAAAGAAGATAATTGCAAGTGTCTAAAGGATCAACTTAGACAGATGTCCATC
 CATATGGAAGAATTAAGATTAACATTTCCAGGCTTGAACATGACAAGCAGATTTGGGAGTCCAAGGCC
 AGACAGAGGTCCAGCTTACAGCAGAAGTCTGTGATACTCTACAGGGGGAAAAACAAGAACTTTTGTCCCA
 GCTAGAAGAGACACGCCACCTATACCACAGTTCTCAGAATGAATTAGCTAAGTTGGAATCAGAAGTTAAG
 AGTCTCAAAGACCAGTTGACTGATTTAAGTAACCTTTAGAAAAATGTAAGGAACAAAAAGGAACTTGG
 AAGGGATCATAAAGCAGCAAGAGCTGATATTCAAAATTTCTAAGTTAGTTATGAACAACCTGGAGACTGA
 TCTTCAGGCCCTCCAGAGAACTGACCAGTAGGCTGCATGAAGAAATAAATATGAAAGAGCAAAAAGATTATA
 AGCCTGCTTTCTGGCAAGGAAGAGGCAATCCAAGTAGCTATTGCTGAACTGCGTCAGCAACATGATAAAG
 AAATTAAGAGAGCTGGAACCTGCTGTCCAGGAGGAAGAGGAGAATATTGTTTTAGAAGAGGAGAACA
 AAAGGCTGTTGATAAAACCAATCAGCTTATGGAACACTGAAAACCATCAAAAAGGAAAACATTAGCAA
 AAGGCACAGTTGGATTCCCTTTGTTAAATCCATGTCTTCTCCAAAATGATCGAGACCGCATAGTGGGTG
 ACTATCAACAGCTGGAAGAGCGACATCTCTATAATCTTGAAAAAGACCAACTCATCCAAGAGGCTGC
 TGCAGAGAATAATAAGCTTAAAGAAGAAATACGAGGCTTGAGAAGTCATATGGATGATCTCAATTCTGAG
 AATGCCAAGCTAGATGCAGAACTGATCCAATATAGAGAAGACCTGAACCAAGTGATAACAATAAAGGACA
 GCCAACAAAAGCAGCTTCTTGAAGTTCAACTTCAGCAAAAATAAGGAGCTGAAAAATAAATATGCTAAATT
 AGAAGAAAAGCTGAAGGAATCTGAGGAAGCAAATGAGGATCTGCGGAGGTCTTTAATGCCTACAAGAA
 GAGAAACAAGATTTATCTAAAGAGATTGAGAGTTTGAAGTATCTATATCCCAGCTAACAAAGACAAGTAA
 CAGCCTTGCAAGAAGAAGGTAAGTACTTTAGGACTCTATCATGCCAGTTAAAAGTAAAAGAAGAAGAGGTACA
 CAGGTTAAGTGCTTTGTTTTCTCTCTCAAAAGAGAATTGCAGAAGTGAAGAAAGAAATTTGGTTGTGTT
 CAAAAGGAAGCTGCCAAGAAGGTAGGTGAAATGAAGATAAACTGAAGAAAGAAATTAAGCATCTTCATC
 ATGATGCAGGGATAATGAGAAAATAAACTGAAACAGCAGAAGAGAGAGTGGCAGAGCTAGCAAGAGATTT
 GGTGGAGATGGAACAGAAATTAATCATGGTCACCAAAAGAAAAATAAAGGTCTCACAGCAAAATTCAGTCT
 TTTGGAAGGTCTATGAGTTCCTTGCAAAATAGTAGAGATCATGCCAATGAGGAACTTGATGAACTGAAAA
 GGAAATATGATGCCAGTCTGAAGGAATTTGGCACAGTTGAAAGAACAGGGACTCTTAAACAGAGAGAGAGA
 TGCTCTTCTTTCTGAAACCGCTTTTCAATGAACTCCACTGAGGAGAATAGCTTGTCTCACCTTGAGAAA
 CTTAACCAACAGCTCCTATCCAAAGATGAGCAATTGCTTCACTTGTCTCACAAC TAGAAGATTCTTATA
 ACCAAGTGCAGTCTTTTCCAAGCTATGGCCAGTCTGCAGAATGAGAGAGATCACCTGTGGAATGAGCT
 GGAGAAATTTGAAAGTCAAGGAGGGAAGCAGAGGTCTGCAGCTCAGCCTTCCACCAGCCAGCTGAA
 GTACAGAGTTTAAAAAAGCTATGTCTTCACTCCAAAATGACAGAGACAGACTACTGAAGGAATTTGAAGA
 ATCTGCAGCAGCAATACTTACAGATTAATCAAGAGATCACTGAGTTACATCCACTGAAGGCTCAACTTCA
 GGAGTATCAAGATAAGACAAAAGCATTTAGATTATGCAAGAAGAGCTCAGGCAGGAAAACCTCTCTCTGG
 CAGCATGAGCTGCATCAGCTCAGGATGGAGAAGAGTTCTGGGAAATACATGAGAGGAGAATGAAGGAAC
 AGTACCTTATGGCTATCTCAGATAAAGATCAGCAGCTCAGTCACTGCAGAATCTTATAAGGGAATTTGAG
 GTCTTCTCTCCAGACTCAGCCTCTCAAAGTGAATACCAAGACAGGCATCCCAGAGACATCAGCT

TCCCAGATGGGTCACAAAATCTGGTTTATGAGACAGAACTTCTCAGGACCCAGCTCAATGACAGCTTAA
AGGAAATTCACCAAAGGAGTTAAGAATTCAGCAACTGAACAGCAACTTCTCTCAGCTACTGGAAGAGAA
AAACACCCTTTCCATTTCAGCTCTGCGATACCAGTCAGAGTCTTCGTGAGAACCAGCAGCACTATGGTGAC
CTTTTAAATCACTGTGCAGTCTTGAGAGAAGCAGGTTCAAGAGCTGCAGGCGGGGCCACTAAATATAGATG
TTGCTCCAGGAGCTCCCCAGGAAAAGAAATGGAGTTCACAGAAAGAGTGACCCTGAGGAACAAAGGAACC
GCAGCAAAGCTTTTCTGAAGCTCAGCAGCAGCTATGCAACACCAGACAGGAAGTGAATGAATTAAGGAAG
CTGCTGGAAGAAGACGAGACCAAGAGTGGCTGCTGAGAATGCTCTCTGTGGCCGAGGAGCAGATCA
GACGGTTAGAGCACAGTGAATGGGACTCTCCCGACTCCTATCATTGGCTCCTGTGGCACTCAGGAGCA
GGCACTGTTAATAGATCTTACAAGCAACAGTTGTGCAAGGACCCGGAGTGGCGTTGGATGGAAGCGAGTC
CTGCGTTCACTCTGTCATTACGGACCCGAGTGCCACTTCTAGCAGCCATCTACTTTCTAATGATTCATG
TCCTGCTCATTCTGTGTTTTACGGGCCATCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

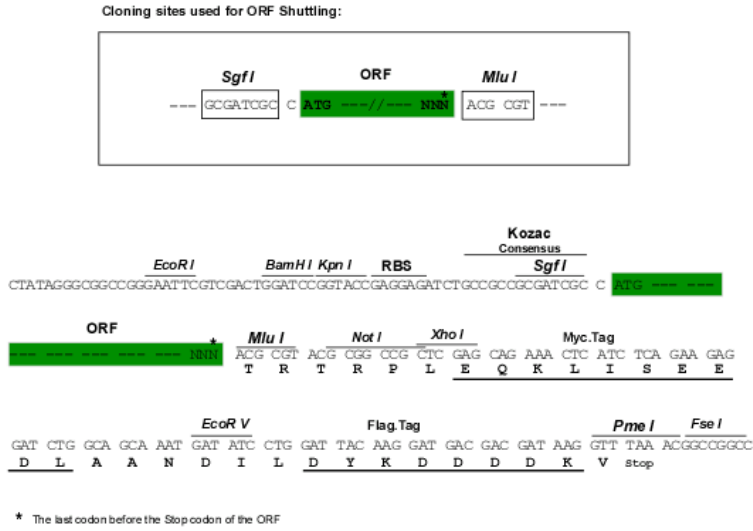
Protein Sequence: >RC235398 representing NM_001256488
 Red=Cloning site Green=Tags(s)

MEFNNTTQEDVQERLAYAEQLVVELKDIIRQKDVQLQQKDEALQEERKAADNKIKKLLHAKAKL TSLNK
 YIEEMKAQGGTVLPTEPQSEEQLSKHKSSSTEEEMEIEKIKHKLQEKEELISTLQAQLTQAQAEQPAQSS
 TEMEEFVMMKQQLQEKEEFISTLQAQLSQTQAEQAAQKLRVLRKLEEEHESLVGRAQVVDLLQDEL TAA
 EQRNQILSQQLQOMEAEHNTLRNTVETEREESKILLEKMELEVAERKLSFHNLQEEMHHLLLEQFEQAGQA
 QAELESRYSALEQKHKAEEMEEKSHILSLQKTGQELQSACDALKDQNSKLLQDKNEQAVQSAQTIQQL ED
 QLQOKSKEISQFLNRLPLQQHETASQTSFPDVYNEGTVAVTEENIASLQKRVVELENEKGALLSSIELE
 ELKAENEKLSQITLLEAQNRTEADREVEISIVDIANKRSSSAEESGQDVLENTFSQKHKELSVLLLE
 MKEAQEEIAFLKQLQGKRAEEADHEVLDQKEMKQMEGEGIAPIKMKVFLDGTGQDFPLMPNEESSLPV
 EKEQASTEHQSRTSEEISLNDAGVELKSTKQDGDKSLSAVPDIGQCHQDELERLSQILELELNHFKAQE
 IYEKNLDEKAKEISNLNQLIEEFKKNADNNSSAF TALSEERDQLLSQVKELSMVTELRAQVKQLEMNLAE
 AERQRRLDYESQTAHDNLLTEQIHSLSIEAKSKDVKIEVLQNELDDVQLQFSEQSTLIRLSQSLQNKES
 EVLEGAERVRHISKVEELSQALSQKELEITKMDQLLLEKKRDVETLQQTIEEKDQVTEISFSMTEK MV
 QLNEEKFSLGVEIKTLKEQLNLLSRAEEAKKEQVEEDNEVSSGLKQNYDEMPAGQISKEELQHEFDLLK
 KENEQRKRKLAALINRKELLQVRVSRLEEELANLKDESKKEIPLSETERGEVEEDKENKEYSEKCVTSKC
 QEIEIYLKQTI SEKEVELQHIRKDL EELKAAEEQFQALVKQMNQTLQDKTNQIDLLQAEISENQAI IQKL
 ITSNTDASDGDVALVKETVVISPPCTGSSEHWKPELEEKILALEKEKEQLQKQLQEALTSRKA I LKKAQ
 EKERHLREELKQKDDYNRLQEQFDEQSKENENIGDQLRQLQIQVRESIDGKLPSTDDQESCSSTPGL EE
 PLFKATEQHHTQPVLESNCPDWP SHSADASALQGGT SVAQIKALKEIEAEKVELELKVSTTSELTKK
 SEEVFQLQEINKQGLEIESLKTVSHEAEVHAESLQKLESSLQIAGLEHLRELQPKLDELQKLSKKE
 EDVSYLSGQLSEKEAALTKIQTEIEEQEDLIKALHTQLEMQAKEHDERIKQLQVELCEMKQKPEEIG EES
 RAKQYIQRKLAALISRKEALKENKSLQEELSLARGTIERLTKSLADVESQVSAQNKEDTVLGRLLAL LQ
 EERDKLITEMDRSLEENQSLSSCESLKLAL EGLTEDKEKLVKEIESLKS SKIAESTEWQEKHKLQKEY
 EILLQSYENVSNEAERIQHVVAVRQEKQELYGKLRSTEANKKETEKQLQEAQEEMEEMKEMRKF AKSK
 QQKILELEEEENDRLRAEVHPAGDTAKECMETLLSSNASMKEELERVKMEYETLSKKFQSLMSEKDSLSEE
 VQDLKHQIEGNVSKQANLEATEKHNDQTNVTEEGTQSIPGETEEQDSLMSSTRPTCSESVPSAKSANPAV
 SKDFSSHDEINNYLQQIDQLKERIAGLEEEKQKNKEFSQTLNEKNTLLSQISTKDGELKMLQEEVTKMN
 LLNQIQEELSRVTKLKETAEEEEKDDLEERLMNQLAELNGSIGNYCQDVTDAQIKNELLESEMKNLKKCV
 SELEEEKQQLVKEKTKVESEIRKEYLEKIQAQKEPQGNKSHAKELQELKEKQEVKQLQKDCIRYQEKI
 SALERTVKALEFVQTESQKDL EITKENLAQAVEHRKKAQELASFVLLDDTQSEAAARVLADNLLK KKL
 QSNKESVKSQMKQKDEDLERRLEQAEEKHLKEKKNMQEKL DALRREKVHLEETIGEIQVTLNKKDKVEVQ
 LQENLDSTVTQLAAFTKSMSSLQDDRDRVIDEAKKWERKFSDAIQSKEE EIRLKDNCVSLKDLRQMSI
 HMEELKINISRLEHDKQIWE SKAQTEVQLQKVCDTLQGENKELLSQL EETRHL YHSSQNELAKLESELK
 SLKDQLTDLSNSLEKCKEQKGNLEGIIRQQEADIQNSKFSYEQLETDLQASRELT SRLHEEINMKEQKII
 SLLSGKEEAIQVAIAELRQHDKEIKEL ENLLSQEEEEENIVLEENKKA VDKTNQLMETLKT IKKENIQQ
 KAQLDSFVKSMSSLQNDRDRIVGDYQQL EERHL SIILEKDQLIQEAAAENNKLEKEIRGLRSHMDDLNSE
 NAKLDAELIQYREDLNQVITIKDSQKQLLEVQLQONKELENKYAKLEEKLESEANEDLRRSFNALQE
 EKQDLSKEIESLKVSI SQLTRQVTALQEEGTGLYHAQLKVKEE EVHRLSALFSSSQKRIAELEEELVCV
 QKEAAKKVGIEDKLLKELKHLHHDAGIMRNETETA EERVAELARDL VEMEQLLMVTKENKGLTAQIQS
 FGRSMSSLQNSRDHANEELDELKRKYDASLKEAQLKEQGLLNRRERDALLSETAF SMNSTEENSLSHLEK
 LNQQLLSKDEQLLHLSSQLEDSYNQVQSF SKAMASLQNERDHLWNELEKFRKSEEGKQRSAAQPSTSPAE
 VQSLKAMSSLQNDRDRLLKELKNLQQYQLINQEITELHPLKAQLQEYQDKTKAFQIMQEELRQENLSW
 QHELHQLRMEKSSWEIHERRMKEQYLMAISDKDQQLSHLQNLIRELRSSSSQTQPLKVQYQRQASPETA
 SPDGSQNLVYETELLRTQLNDSLKEIHQKELRIQQLNSNFSQLLEEKNTLSIQLCDTSQSLRENQHYGD
 LLNHCVALEKQVQELQAGPLNIDVAPGAPQEKNGVHRKSDPEELREPQQSFSEAQQQLCNTRQEVNELRK
 LLEEERDQRVAANALSVAEEQIRRLHSEWSSRTP IIGSCGTQE QALLIDLTSNSCRTRRSRGVWKRY
 LRSLSCHSRTRVPLLAAYFLMIHVLLILCFTGHL

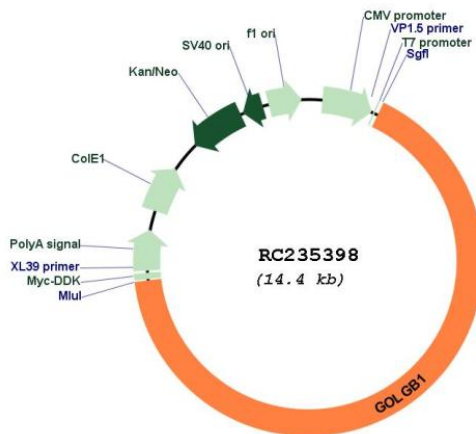
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001256488

ORF Size: 9552 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:	<ol style="list-style-type: none">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_001256488.1</u> , <u>NP_001243417.1</u>
RefSeq Size:	11133 bp
RefSeq ORF:	9555 bp
Locus ID:	2804
UniProt ID:	<u>Q14789</u>
Cytogenetics:	3q13.33
Protein Families:	Transcription Factors, Transmembrane
MW:	367.9 kDa
Gene Summary:	May participate in forming intercisternal cross-bridges of the Golgi complex.[UniProtKB/Swiss-Prot Function]