

Product datasheet for **RC211932**

GOLGA6B (NM_018652) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GOLGA6B (NM_018652) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GOLGA6B
Synonyms:	GOLGA; GOLGA6D
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC211932 representing NM_018652
Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGGATCGCC**

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Protein Sequence: >RC211932 representing NM_018652
Red=Cloning site Green=Tags(s)

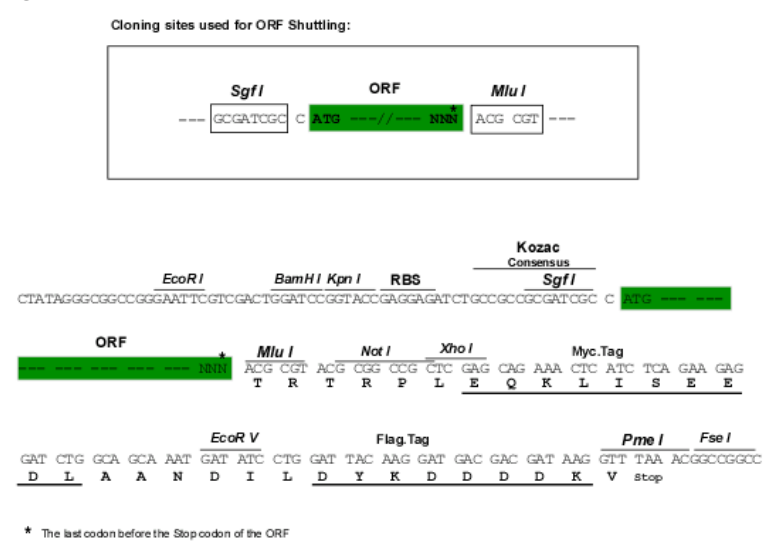
```
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ERLQKQEERLALSQNHLKDKLAEPQCSFEDLNNEKKSALQLEQ QVKELQEKLDEEHLEAASQQNQLET
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```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8026_e11.zip

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_018652

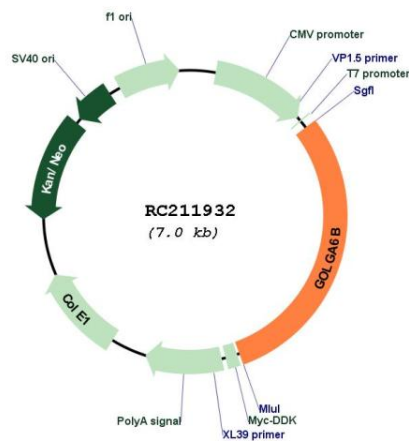
ORF Size: 2079 bp

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:**
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_018652.4](#), [NP_061122.4](#)
- RefSeq Size:** 3178 bp
- RefSeq ORF:** 2082 bp
- Locus ID:** 55889
- UniProt ID:** [A6NDN3](#)
- Cytogenetics:** 15q24.1
- MW:** 79.7 kDa
- Gene Summary:** This gene is found in a large, low copy repeat sequence or duplicon that is found in multiple copies, which are greater than 90% similar, on chromosome 15. Duplicons are associated with deletions, inversions and other chromosomal rearrangements that underlie genomic disease. This gene is a member of the golgin gene family, whose protein products localize to the Golgi apparatus. The majority of the related gene copies are thought to be transcribed pseudogenes. It is not known whether this gene is a pseudogene or if it encodes a golgin protein. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC211932