

Product datasheet for RC230747

Golgin subfamily A member 4 (GOLGA4) (NM_001172713) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Golgin subfamily A member 4 (GOLGA4) (NM_001172713) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Golgin subfamily A member 4
Synonyms:	CRPF46; GCP2; GOLG; MU-RMS-40.18; p230
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC230747 representing NM_001172713 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RC230747 representing NM_001172713
 Red=Cloning site Green=Tags(s)

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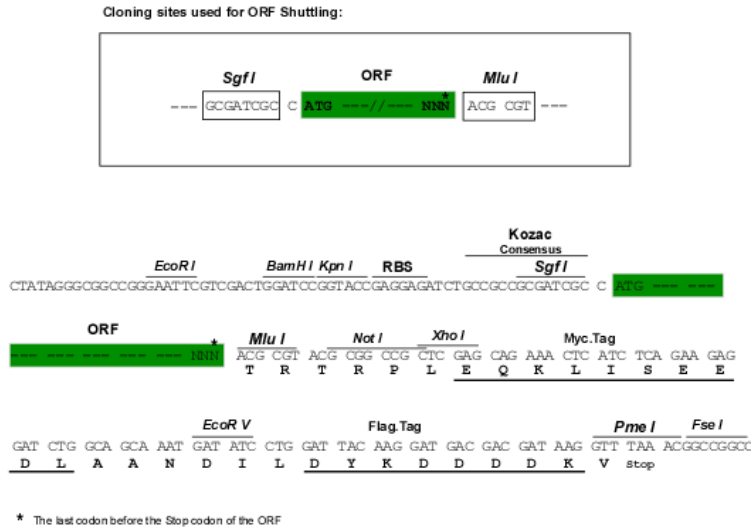
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Chromatograms: https://cdn.origene.com/chromatograms/mk8036_d12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001172713

ORF Size: 6729 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_001172713.2](#)

RefSeq ORF: 6732 bp

Locus ID: 2803

UniProt ID: [Q13439](#)

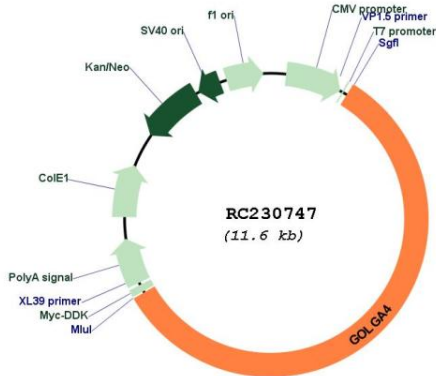
Cytogenetics: 3p22.2

MW: 262.8 kDa

Gene Summary:

The Golgi apparatus, which participates in glycosylation and transport of proteins and lipids in the secretory pathway, consists of a series of stacked cisternae (flattened membrane sacs). Interactions between the Golgi and microtubules are thought to be important for the reorganization of the Golgi after it fragments during mitosis. This gene encodes one of the golgins, a family of proteins localized to the Golgi. This protein has been postulated to play a role in Rab6-regulated membrane-tethering events in the Golgi apparatus. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene. [provided by RefSeq, Feb 2010]

Product images:



Circular map for RC230747