

## Product datasheet for RC201871

### GOLT1B (NM\_016072) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** GOLT1B (NM\_016072) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** GOLT1B  
**Synonyms:** CGI-141; GCT2; GOT1; GOT1B; YMR292W  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC201871 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATCTCCTTAACGGACACGCAGAAAATTGGAATGGGATTAACAGGATTTGGAGTGTTTTCTGTTCT  
TTGGAATGATTCTTTTTGACAAAGCACTACTGGCTATTGAAATGTTTTATTGTAGCCGGCTTGGC  
TTTTGTAATTGGTTAGAAAGAACATTCAGATTCTTCCAAAAACATAAAATGAAAGCTACAGGTTTT  
TTTCTGGTGGTGTATTGTAGTCCTTATTGGTGGCCTTTGATAGGCATGATCTTCGAAATTTATGGAT  
TTTTCTCTTGTTCAAGGGCTTCTTCTGTCGTTGTTGGCTTTATTAGAAGAGTGCCAGTCTTGGATC  
CCTCTAAATTTACCTGGAATTAGATCATTGTAGATAAAGTTGGAGAAAGCAACAATATGGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC201871 protein sequence  
Red=Cloning site Green=Tags(s)  
MISLTDTQKIGMGLTGFVFFLFFGMILFFDKALLAIGNVLFVAGLAFVIGLERTFRFFFQKHKMKATGF  
FLGGVFFVLIGWPLIGMIFEIYGFFLLFRGFFPVVVGFIIRVPVLGSLNLPGIRSFVDKVGESNNM

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6539\\_b02.zip](https://cdn.origene.com/chromatograms/mk6539_b02.zip)

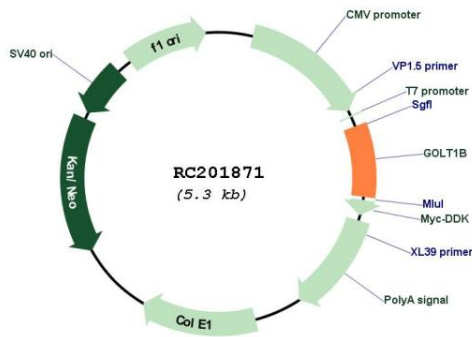
**Restriction Sites:** SgfI-MluI



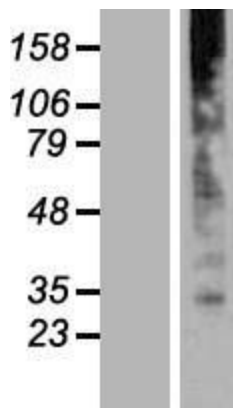
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**Cytogenetics:** 12p12.1  
**Domains:** Got1  
**Protein Families:** Transmembrane  
**MW:** 15.4 kDa  
**Gene Summary:** May be involved in fusion of ER-derived transport vesicles with the Golgi complex. [UniProtKB/Swiss-Prot Function]

**Product images:**


Circular map for RC201871



Western blot validation of overexpression lysate (Cat# [LY414211]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201871 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).