

## Product datasheet for **RG214898**

### **GOSR1 (NM\_004871) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** GOSR1 (NM\_004871) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** GOSR1  
**Synonyms:** GOLIM2; GOS-28; GOS28; GOS28/P28; GS28; P28  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG214898 representing NM\_004871  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGCAGGGACCAGCAGTTACTGGGAAGATCTCAGGAAACAGGCTCGACAGCTGGAAAATGAACTTG  
 ACCTGAAACTAGTTTCCTTCAGCAAATATGTACAAGTTACAGTCATAGCAGTACCCGAGATGGAAGACG  
 CGACAGGTATAGTTCTGATACAACACCCCTTTAAATGGATCAAGCCAAGACAGAATGTTTGAGACAATG  
 GCGATTGAGATTGAACAACCTTTGGCAAGGCTTACAGGGTAAATGATAAAATGGCAGAATATACCAACA  
 GTGCAGGTGTCCCTCCTTGAATGCAGCCCTGATGCATACATTACAGCGCATAGAGACATATTGCAGGA  
 TTATACACATGAATTCCATAAAACCAAAGCAAACCTTTATGGCAATACGGGAAAGGAGAATCTTATGGGA  
 TCAGTACGAAAAGATATTGAGTCATATAAAAGTGGTCTGGAGTAAACAACAGAAGAACTGAGCTATTTT  
 TGAAAGAACATGACCACCTTCGAAACTCAGATCGTCTGATAGAAGAGACAATAAGCATTGCTATGGCAAC  
 AAAAGAAAATATGACTTCACAGAGAGGAATGTTGAAGTCAATTCACAGCAAAATGAACACTTTGGCCAAT  
 CGTTTTCTGCTGTAACAGCCTGATCCAGAGGATCAACCTGAGGAAGCGGCGGGACTCGCTCATCTAG  
 GGGGTATTGGGATCTGTACCATCTGTTGCTGCTGTATGCGTTCCAT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



[View online »](#)



**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\\_004871.3](#)

**RefSeq Size:** 5230 bp

**RefSeq ORF:** 753 bp

**Locus ID:** 9527

**UniProt ID:** [O95249](#)

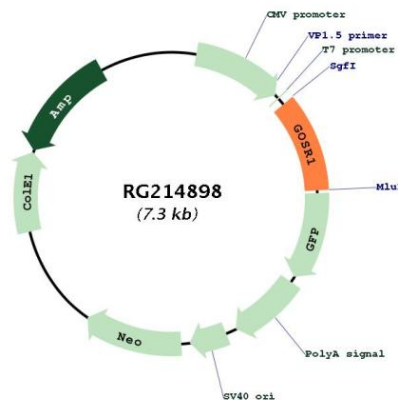
**Cytogenetics:** 17q11.2

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** SNARE interactions in vesicular transport

**Gene Summary:** This gene encodes a trafficking membrane protein which transports proteins among the endoplasmic reticulum and the Golgi and between Golgi compartments. This protein is considered an essential component of the Golgi SNAP receptor (SNARE) complex. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

### Product images:



Circular map for RG214898