

Product datasheet for SC301134

GOSR1 (NM 001007025) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: GOSR1 (NM_001007025) Human Untagged Clone

Tag: Tag Free
Symbol: GOSR1

Synonyms: GOLIM2; GOS-28; GOS28; GOS28/P28; GS28; P28

Mammalian Cell

Selection:

None

Vector: pCMV6-XL5

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001007025 edited

CAAAGATGGCGGCAGGGACCAGCAGTTACTGGGAAGATCTCAGGAAACAGGCTCGACAGC TGGAAAATGAACTTGACCTGAAACTAGTTTCCTTCAGCAAACTATGTACAAGTTACAGTC ATAGCAGTACCCGAGATGGAAGACGCGACAGTTCTGATACAACACCCCTTTTAAATGGAT CAAGCCAAGACAGAATGTTTGAGACAATGGCGATTGAGATTGAACAACTTTTGGCAAGGC TTACAGGGGTAAATGATAAAATGGCAGAATATACCAACAGTGCAGGTGTCCCCTCCTTGA ATGCAGCCCTGATGCATACATTACAGCGGCATAGAGACATATTGCAGGATTATACACATG AATTCCATAAAACCAAAGCAAACTTTATGGCAATACGGGAAAGGGAGAATCTTATGGGAT CAGTACGAAAAGATATTGAGTCATATAAAAGTGGGTCTGGAGTAAACAACAGAAGAACTG AGCTATTTTTGAAAGAACATGACCACCTTCGAAACTCAGATCGTCTGATAGAAGAGACAA TAAGCATTGCTATGGCAACAAAAGAAAATATGACTTCACAGAGAGGAATGTTGAAGTCAA TTCACAGCAAAATGAACACTTTGGCCAATCGTTTTCCTGCTGTAAACAGCCTGATCCAGA GGATCAACCTGAGGAAGCGGCGGGACTCGCTCATCCTAGGGGGTGTTATTGGGATCTGTA CCATCCTGTTGCTGCTGTATGCGTTCCATTGATGGGACATCTTCAGGGACTCTTGACAGC GATAATTAGCCTGACCAGCAGGATGAATGCAAGACTGACAGTGATGGACTCTGTGACATG GTCAGGTTGAGCTGAAGCCACAGTTTCTCTGTGCTGTTTTTCTAACACATAATCTGTTT

TTAATAAAAAAAAAAA

Restriction Sites: Please inquire **ACCN:** NM 001007025

Insert Size: 1000 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



GOSR1 (NM_001007025) Human Untagged Clone - SC301134

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a

point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative

RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: The ORF of this clone has been fully sequenced and found to be a perfect match to

NM_001007025.1.

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: <u>NM 001007025.1</u>, <u>NP 001007026.1</u>

 RefSeq Size:
 5224 bp

 RefSeq ORF:
 747 bp

 Locus ID:
 9527

 UniProt ID:
 095249

Cytogenetics:

Protein Families: Druggable Genome, Transmembrane

17q11.2

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]

Transcript Variant: This variant (2) lacks an in-frame small segment of 6 nts in the 5' coding

region, as compared to variant 1. The encoded isoform 2 thus lacks internal 2 aa, as

compared to isoform 1.