

Product datasheet for **RR205189**

Gosr1 (NM_053584) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gosr1 (NM_053584) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gosr1
Synonyms:	GOS28; p28
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR205189 representing NM_053584 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCGGGAACCAGCAATTACTGGGAAGATCTTAGGAAACAAGCTCGACAGCTGGAAAATGAACTTG
ACCTGAAACTAGTTTCCTTCAGTAAACTGTGTACGAGTTACAGTCACAGCAGCGCCCGGGATGGAGGCCG
CGATAGGTATAGTTCTGACACAACACCCTATTAATGGATCAAGCCAAGACAGGATGTTTCGAGACAATG
GCCATTGAAATTGAACAGCTTTTGGCGAGGCTTACAGGAGTAAACGACAAAATGGCAGAGTATACTCACA
GTGCAGGGGTGCCCTCCCTGAACGCAGCCCTGATGCACACGCTACAGCGACACAGAGACATTCTGCAGGA
TTATACACATGAATCCATAAAACCAAAGCAAACCTTTATGGCAATACGGGAAAGGGAGAATCTCATGGGA
TCAGTACGAAAAGATATTGAGTCATATAAAAGTGGGTCTGGAGTAAACAACAGGAGAAGTGAAGTGTTC
TGAAAGAACATGACCACCTTCGAACTCTGATCGTCTGATAGAAGAGACAATAAGCATTGCTATGGCAAC
AAAAGAGAATATGACTTCGCAGAGAGGAATGCTCAAGTCCATTACAGCAAGATGAACACTCTGGCCAAC
CGCTTTCCGCGCGTCAACAGCCTGATACAAAGGATCAACCTTAGGAAGCGGCGGACTCGCTCATCCTTG
GAGGCGTCATTGGCATCTGCACCATCTGTTGCTGCTGTATGCATTCCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR205189 representing NM_053584
 Red=Cloning site Green=Tags(s)

MAAGTSNYWEDLRKQARQLENELDLKLVSFSLKCTSYSHSSARDGGRDRYSSDTPLLNGSSQDRMFETM
 AIEIEQLLARLTGVNDKMAEYTHSAGVPSLNAALMHTLQRHRDILQDYTHEFHKTKANFMAIRERENLMG
 SVRKDIESYKSGSGVNNRRETELFLKEHDHLRNSDRLIEETISIAMATKENMTSQRGMLKSIHSMNTLAN
 RFPVNSLIQRINLRKRRDLSILGGVIGICTILLLLLYAFH

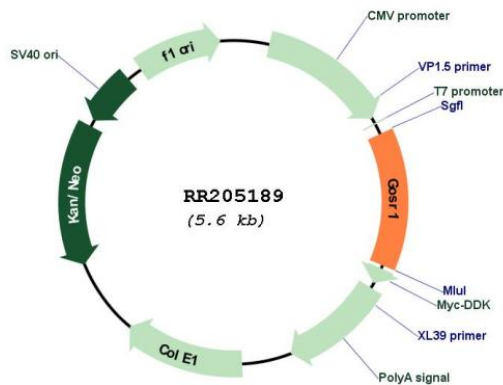
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_053584
ORF Size: 750 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:	<ol style="list-style-type: none">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_053584.2 , NP_446036.1
RefSeq Size:	2726 bp
RefSeq ORF:	753 bp
Locus ID:	94189
UniProt ID:	Q62931
Cytogenetics:	10q24
MW:	28.5 kDa
Gene Summary:	component of the Golgi SNAP receptor (SNARE) complex involved with ER-Golgi transport [RGD, Feb 2006]