

Specifications:

Gene:	hGOSR1
Accession:	NP_001007026
Insert size:	760bp
Concentration:	10µg at 0.2µg/µL

hGOSR1/GS28 cDNA Plasmid

GOSR1 golgi SNAP receptor complex member 1 [*Homo sapiens* (human)]

Also known as: P28; GS28; GOS28; GOLIM2; GOS-28; GOS28/P28

Summary:

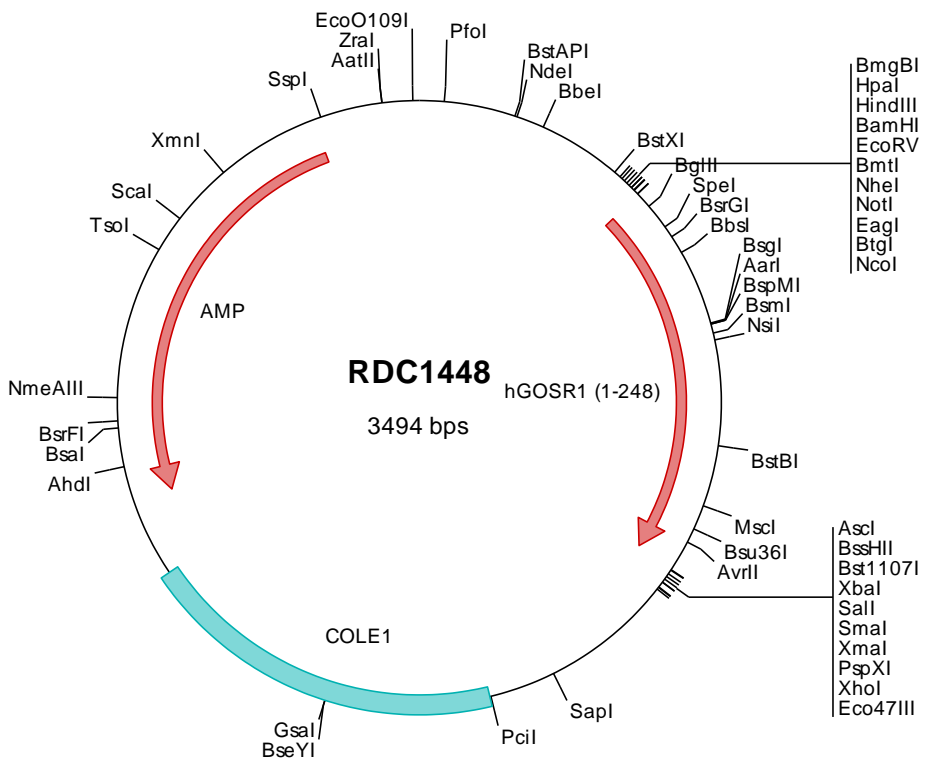
GOSR1 is a trafficking membrane protein which transports proteins among the endoplasmic reticulum and the Golgi and between Golgi compartments. It is considered an essential component of the Golgi SNAP receptor (SNARE) complex. GOSR1 may play a protective role against hydrogen peroxide induced cytotoxicity under glutathione depleted conditions in neuronal cells. Alternatively spliced transcripts encoding different proteins have been described.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1448 Plasmid DNA Sequence

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> RDC1448 Translated Insert Sequence

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