

Recombinant Human GOSR2, His-tagged

Cat. No. GOSR2-7567H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GOSR2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-190aa
Antigen Description	Golgi SNAP receptor complex member 2 isoform A, also known as GOSR2, belongs to the SNARE protein family and are important trafficking proteins between the endoplasmic reticulum and the Golgi and between Golgi subcompartments. This protein exists as cytoplasmically oriented integral membrane proteins. The human GOSR2 gene, which maps to chromosome 17q21, is located near a locus implicated in familial essential hypertension, indicating that it is a potential candidate gene for this disease.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1M Urea, 10% glycerol
Molecular Mass	24.6 kDa (213aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDFLFQQ THKQVHEIQS CMGRLETADK QSVHIVENEI QASIDQIFSR LERLEILSSK EPPNKRQNAR LRVDQLKYDV QHLQTALRNF QHRRHAREQQ ERQRELLSR TFFTNDSDTT IPMDESLQFN SSLQKVHNGM DDLILDGHNI LDGLRTQRLT LKGTQKKILD IANMLGLSNT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	VMRLIEKRAF QDK
Purity	>85% as determined by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml

GENE INFORMATION

Gene Name	GOSR2 golgi SNAP receptor complex member 2 [Homo sapiens]
Official Symbol	GOSR2
Synonyms	GOSR2; golgi SNAP receptor complex member 2; Golgi SNAP receptor complex member 2; Bos1; GS27; membrin; 27 kDa Golgi SNARE protein; EPM6;
Gene ID	9570
mRNA Refseq	NM_001012511
Protein Refseq	NP_001012529
MIM	604027
UniProt ID	O14653
Chromosome Location	17q21

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Pathway

Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Arf1 pathway, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem;

Function

receptor activity; transporter activity;

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