

Recombinant Human GOSR2 293 Cell Lysate

Cat. No. GOSR2-5826HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for golgi SNAP receptor complex member 2 (GOSR2), transcript variant C is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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

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;

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Function	receptor activity; transporter activity;
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