

Recombinant Human GS28, GST-tagged

Cat. No. GS28-13554H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GS28 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-117a.a.
Description	This gene is a member of the G protein-coupled receptor family and is found in the cell membrane. G protein-coupled receptors, characterized by a seven transmembrane domain motif, are involved in translating outside signals into G protein mediated intracellular effects. The encoded protein activates adenylate cyclase and modulates amyloid-beta production in a mouse model, suggesting that it may play a role in Alzheimers disease.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GOSR1 golgi SNAP receptor complex member 1 [Homo sapiens]
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Official Symbol	GOSR1
Synonyms	GOSR1; golgi SNAP receptor complex member 1; Golgi SNAP receptor complex member 1; golgi integral membrane protein 2; GOLIM2; GOS 28; GOS28; GS28; P28; cis-golgi SNARE; Golgi SNARE 28 kDa; 28 kDa Golgi SNARE protein; 28 kDa cis-Golgi SNARE p28; GOS-28; GOS28/P28;
Gene ID	9527
mRNA Refseq	NM_001007024
Protein Refseq	NP_001007025
MIM	604026
UniProt ID	O95249
Chromosome Location	17q11
Pathway	SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem;
Function	SNAP receptor activity;