Recombinant Mouse Gosr1 Protein, Myc/DDK-tagged

Cat. No. Gosr1-3275M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length golgi SNAP receptor complex member 1 (Gosr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in transport from the ER to the Golgi apparatus as well as in intra-Golgi transport. It belongs to a super-family of proteins called t-SNAREs or soluble NSF (N-ethylmaleimide-sensitive factor) attachment protein receptor. May play a protective role against hydrogen peroxide induced cytotoxicity under glutathione depleted conditions in neuronal cells by regulating the intracellular ROS levels via inhibition of p38 MAPK (MAPK11, MAPK12, MAPK13 and MAPK14). Participates in docking and fusion stage of ER to cis-Golgi transport. Plays an important physiological role in VLDL-transport vesicle-Golgi fusion and thus in VLDL delivery to the hepatic cis-Golgi.
Molecular Mass	28.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Gosr1 golgi SNAP receptor complex member 1 [Mus musculus (house mouse)]
Official Symbol	Gosr1
Synonyms	Gosr1; golgi SNAP receptor complex member 1; GS2; GOS-; GS28; GOSRI; GOS-28; AI414660; AI426320; BB145494; Golgi SNAP receptor complex member 1; 28 kDa Golgi SNARE protein; 28 kDa cis-Golgi SNARE p28; Cis-Golgi SNARE
Gene ID	53334
mRNA Refseq	NM_016810
Protein Refseq	NP_058090
UniProt ID	O88630

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