
Product Data Sheet

Product Name: GOSR2 Human
 Cat. No.: GP23587
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Bos1; EPM6; GS27; Membrin; Golgi SNAP receptor complex member 2; 27 kDa Golgi SNARE protein; GOSR2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMDPLFQQ THKQVHEIQS CMGRLETADK QSVHIVENEI QASIDQIFSR LERLEILSSK EPPNKRQNAR LRVDQLKYDV QHLQTALRNF QHRRHAREQQ ERQREELLSR TFFTNDSDTT IPMDES LQFN SSLQKVHNGM DDLILDGHNI LDGLRTQRLT LKGTQKKILD IANMLGLSNT VMRLIEKRAF QDK.		
Formulation	GOSR2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1M Urea and 10% glycerol.		

Introduction

Golgi SNAP receptor complex member 2 isoform A (GOSR2) is a part of the SNARE Protein family which consists of important trafficking proteins between the endoplasmic reticulum and the Golgi and between Golgi subcompartments. GOSR2 is located near a locus implicated in familial essential hypertension, indicating that it is a potential candidate gene for this disease. GOSR2 exists as cytoplasmically oriented integral membrane proteins.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

GOSR2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 213 amino acids (1-190a.a) and having a molecular mass of 24.6kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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GOSR2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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