

GOSR2 Human

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

Catalog #:PRPS-1406

For research use only.

Synonyms:Bos1, EPM6, GS27, Membrin, Golgi SNAP receptor complex member 2, 27 kDa Golgi SNARE protein, GOSR2.

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMDPLFQQ THKQVHEIQS
CMGRLETADK QSVHIVENEI QASIDQIFSR LERLEILSSK EPPNKRQNA RLRVDQLKYDV
QHLQTALRNF QHRRHAREEQ ERQREELLSR TFFTNDSDTT IPMDESLQFN SSLQKVHNGM
DDLILDGHNI LDGLRTQRLT LKGTQKKILD IANMLGLSNT VMRLIEKRAF QDK.

Purity:Greater than 85% as determined by SDS-PAGE.

Formulation:

GOSR2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1M Urea and 10% glycerol.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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