Recombinant human GOSR2 protein

Catalog Number: ATGP2011

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-190aa

UniProt No.
O14653

NCBI Accession No.
NP_004278

Alternative Names
Golgi SNAP receptor complex member 2 isoform A, Bos1, EPM6, GS27, Membrin

PRODUCT SPECIFICATION

Molecular Weight
24.6 kDa (213aa)

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1M urea, 10% glycerol

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE,Denatured

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
Golgi SNAP receptor complex member 2 isoform A, also known as GOSR2, belongs to the SNARE protein family and are important trafficking proteins between the endoplasmic reticulum and the Golgi and between Golgi subcompartments. This protein exists as cytoplasmically oriented integral membrane proteins. The human GOSR2 gene, which maps to chromosome 17q21, is located near a locus implicated in familial essential hypertension, indicating that it is a potential candidate gene for this disease. Recombinant human GOSR2 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

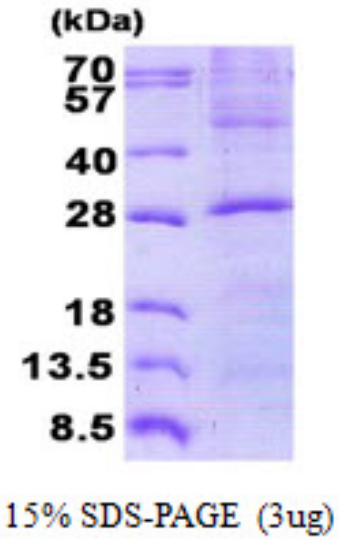
MGSSHHHHHH SSGLVPRGSH MGSMDPLFQQ THKQVHEIQS CMGRLETADK QSVHIVENEI QASIDQIFSR LERLEILSSK EPPNKRQNAR LRVDQLKYDV QHLQTALRNF QHRRHAREQQ ERQREELLSR TFTTNDSDTT IPMDESLQFN SSLQKVHNGM DDLILDGHNI LDGLRTQRLT LKGTQKKILD IANMLGLSNT VMRLIEKRAF QDK

General References

Bui T D., et al. (1999) Genomics. 57:285-288.
GmachI M J., et al. (2001) J Biol Chem. 276:18178-18184.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.