

GOSR2, 1-190aa, Human, His tag, E.coli

Cat.NO.: TP02306

3th Edition

Synonyms: Golgi SNAP receptor complex member 2 isoform A, Bos1, EPM6, GS27, Membrin

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.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1M Urea, 10% glycerol

Molecular Weight: 24.6 kDa (213aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMDFLQQTHKQVHEIQSCMGRLETADKQSVHIVENEIQASIDQIFSRLEI
LSSKEPPNKRQNRARLRVDQLKYDVQHLQTALRNRFQRRHAREQQERQRELLSRTFTTNDSDTTIPMDES LQFNS
SLQKVHNGMDDLILDGHNILDGLRTQRLTLKGTQKKILDIANMLGLSNTVMRLIEKRAFQDK

Purity: > 95% by HPLC

Concentration: 0.25 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.