

GOPC, 278-454aa, Human, His tag, E.coli

Cat.NO.: TP02303

3th Edition

Synonyms: Golgi-associated PDZ and coiled-coil motif-containing protein, CAL, dJ94G16.2, FIG, GOPC1, PIST

Description: GOPC, also known as PIST, is a PDZ domain-containing Golgi protein. This protein functions as a homooligomer that interacts with a variety of proteins and plays a role in intracellular protein trafficking and degradation. Additionally, GOPC is thought to regulate ionic currents via membrane channel modification and may also play a role in autophagy.

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

Molecular Weight: 21.5 kDa (198aa) (Real molecular weight on SDS-PAGE will be shifted up)

Sequences:

MGSSHHHHHHSSGLVPRGSHMIRKVLLKKEDHEGLGISITGGKEHGVPI LISEIH PGQPADRCGGLHVGDA ILAVNG
VNL RDTKHKEAVTILSQQRGEIEFEVVYVAPEVDSDDENVEYEDES GHRYRLYLDELEGGGNPGASCKDTSGEIKV
LQGFNKKAVTDTHENGDLGTASETPLDDGASKLDDLHTLYHKKS Y

Purity: > 95% by HPLC

Concentration: 1 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.