

Datasheet for ABIN666947

GOPC Protein (AA 278-454) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	GOPC
Protein Characteristics:	AA 278-454
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GOPC protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	GOPC, 278-454aa, Human, His tag, E.coli
Purity:	> 90 % by SDS-PAGE

Target Details

Target:	GOPC
Alternative Name:	GOPC (GOPC Products)
Background:	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. Chromosomal aberrations in the gene encoding GOPC are found in glioblastoma multiform (GBM), a common

Target Details

and aggressive form of brain tumor, suggesting a role for mutated PIST in carcinogenesis. Recombinant GOPC protein was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: CAL, dJ94G16.2, FIG, GOPC1, PIST, Golgi-associated PDZ and coiled-coil motif-containing protein CFTR associated ligand, dJ94G16.2, FIG Fused in glioblastoma, Golgi associated PDZ and coiled coil motif containing, Golgi associated PDZ and coiled coil motif containing protein, GOPC 1, OTTHUMP00000040403, PDZ protein interacting specifically with TC 10, PDZ protein interacting specifically with TC10, PDZ/coiled coil domain binding partner for the rho family GTPase TC 10, PDZ/coiled coil domain binding partner for the rho family GTPase TC10, Protein interacting specifically with Tc 10, Protein interacting specifically with Tc10. NCBI no.: NP_001017408

Molecular Weight: 21.5 kDa (198aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)

Pathways: [Maintenance of Protein Location, Asymmetric Protein Localization](#)

Application Details

Restrictions: For Research Use only

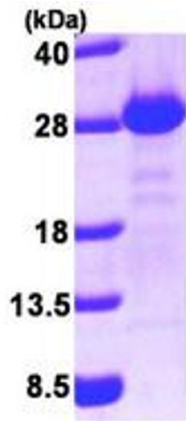
Handling

Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

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

Storage: 4 °C



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.