

# Recombinant Human GOPC Protein, His-tagged

**Cat. No.** GOPC-5118H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GOPC (NP_001017408, 278 a.a. - 454 a.a.) partial recombinant protein with His tag expressed in Escherichia coli.                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 278-454 a.a.                                                                                                                                                                                                      |
| <b>Description</b>      | PIST is a PDZ domain-containing Golgi protein. PDZ domains contain approximately 90 amino acids and bind the extreme C terminus of proteins in a sequence-specific manner.[supplied by OMIM                       |
| <b>Form</b>             | Liquid                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 21.5 kDa                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MGSSHHHHHHSSGLVPRGSHMIRKVLKEDHEGLGISITGGKEHGVPI LISEIHPGQ<br>PADRCGGLHVGDAILAVNGVNLRDTKHKEAVTILSQQRGEIEFEVYVAPEVDS DDE<br>NVEYEDESGHRYRLYLDELEGGGNPGASCKDTSGEIKVLQGFNKKAVTDTHENGDL<br>GTASETPLDDGASKLDDLHTLYHKKSY |
| <b>Purity</b>           | > 90% by SDS-PAGE                                                                                                                                                                                                 |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                          |

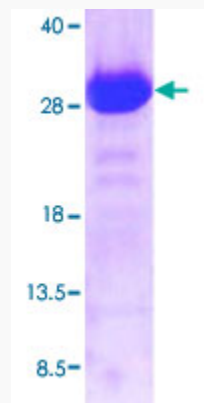
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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at 4 centigrade for 1-2 weeks. For long term storage store at -20 centigrade or -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                              |
| <b>Concentration</b>    | 1 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage Buffer</b>   | In 20 mM Tris-HCl, pH 8.0 (1 mM dithiothreitol, 10% glycerol)                                                                                                                                                                                                                                                                                                                                                      |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>        | GOPC golgi-associated PDZ and coiled-coil motif containing [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                        |
| <b>Official Symbol</b>  | GOPC                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>         | GOPC; golgi-associated PDZ and coiled-coil motif containing; Golgi-associated PDZ and coiled-coil motif-containing protein; CAL; dJ94G16.2; FIG; GOPC1; PIST; dJ94G16.2 PIST; fused in glioblastoma; CFTR-associated ligand; PDZ protein interacting specifically with TC10; Golgi associated PDZ and coiled-coil motif containing protein; PDZ/coiled-coil domain binding partner for the rho-family GTPase TC10; |
| <b>Gene ID</b>          | 57120                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>      | NM_001017408                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>   | NP_001017408                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>              | 606845                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>       | Q9HD26                                                                                                                                                                                                                                                                                                                                                                                                             |

**Quality Control  
Testing**



Loading 3  $\mu$ g protein in 15% SDS-PAGE

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