

Recombinant Human GOPC Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GOPC-5161H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GOPC MS Standard C13 and N15-labeled recombinant protein (NP_065132) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a Golgi protein with a PDZ domain. The PDZ domain is globular and proteins which contain them bind other proteins through short motifs near the C-termini. Mice which are deficient in the orthologous protein have globozoospermia and are infertile. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	50.3 kDa
AA Sequence	MSAGGPCPAAAGGGPGGASCSVGAPGGVSMFRWLEVLEKEFDKAFVDVDLLLGEI DPDQADITYEGRQKMTSLSSCFAQLCHKAQSVSQINHKLEAQLVDLKSELTETQAEK VVLEKEVHDQQLQLHSIQLQLHAKTGQSADSGTIKAKLSGPSVEELERELEANKKEK MKEAQLEAEVKLLRKENEALRRHIAVLQAEVYGARLA AKYLDKELAGRVQQIQLLGR DMKGPAHDKLWNQLEAEIHLHRHKT VIRACRGRNDLKRPMQAPPGHDQDSLKKSQ GVGPIRKVLLLKEDHEGLGISITGGKEHGVPI LISEIHPGQPADRCGGLHVGDAILAVN GVNLRDTKHKEAVTILSQQRGEIEFEVVYVAPEVDSDDENVEYEDES GHRYRLYLDE LEGGGNPGASCKDTSGEIKVLQGFNKKAVTDTHENGDLGTASETPLDDGASKLDDL

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	HTLYHKKS YTRTRPLEQLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	GOPC golgi-associated PDZ and coiled-coil motif containing [Homo sapiens (human)]
Official Symbol	GOPC
Synonyms	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;
Gene ID	57120
mRNA Refseq	NM_020399

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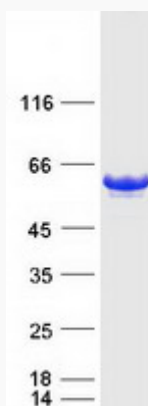
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Protein Refseq NP_065132

MIM 606845

UniProt ID Q9HD26

SDS-PAGE



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