

Recombinant Human GOPC, GST-tagged

Cat. No. GOPC-13393H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GOPC protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-370a.a.
Description	This gene encodes an enzyme that catalyzes the irreversible and NADPH-dependent reductive deamination of GMP to IMP. The protein also functions in the re-utilization of free intracellular bases and purine nucleosides.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GOPC golgi-associated PDZ and coiled-coil motif containing [Homo sapiens]
Official Symbol	GOPC

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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_001017408
Protein Refseq	NP_001017408
MIM	606845
UniProt ID	Q9HD26
Chromosome Location	6q21
Function	cystic fibrosis transmembrane conductance regulator binding; frizzled binding; protein C-terminus binding; protein binding; protein homodimerization activity; small GTPase regulator activity;