

Recombinant Mouse Gopc Protein, Myc/DDK-tagged

Cat. No. Gopc-3272M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length golgi associated PDZ and coiled-coil motif containing (Gopc), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in intracellular protein trafficking and degradation. May regulate CFTR chloride currents and acid-induced ASIC3 currents by modulating cell surface expression of both channels. May also regulate the intracellular trafficking of the ADR1B receptor. May play a role in autophagy. Overexpression results in CFTR intracellular retention and degradation in the lysosomes.
Molecular Mass	49.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Gopc golgi associated PDZ and coiled-coil motif containing [Mus musculus (house mouse)]
Official Symbol	Gopc
Synonyms	GOPC; golgi associated PDZ and coiled-coil motif containing; Golgi-associated PDZ and coiled-coil motif-containing protein; PDZ domain-containing protein PIST; PDZ protein interacting specifically with TC10; CAL; FIG; PIST; GOPC1; AI844555; 2210402P09Rik
Gene ID	94221
mRNA Refseq	NM_053187
Protein Refseq	NP_444417
UniProt ID	Q8BH60

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