

Recombinant Mouse Swap70 Protein, Myc/DDK-tagged

Cat. No. Swap70-6236M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SWA-70 protein (Swap70), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Phosphatidylinositol 3,4,5-trisphosphate-dependent guanine nucleotide exchange factor (GEF) which, independently of RAS, transduces signals from tyrosine kinase receptors to RAC. It also mediates signaling of membrane ruffling. Regulates the actin cytoskeleton as an effector or adapter protein in response to agonist stimulated phosphatidylinositol (3,4)-bisphosphate production and cell protrusion.
Molecular Mass	69.1 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	Swap70 SWA-70 protein [Mus musculus (house mouse)]
Official Symbol	Swap70
Synonyms	SWAP70; SWA-70 protein; switch-associated protein 70; SWAP-70; SWAP complex protein, 70 kDa; 70kDa; AV235546
Gene ID	20947
mRNA Refseq	NM_009302
Protein Refseq	NP_033328
UniProt ID	Q6A028

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