

Product datasheet for **TP300074M**

SWAP70 (NM_015055) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human SWAP-70 protein (SWAP70), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC200074 protein sequence
Red=Cloning site **Green**=Tags(s)

MGSLKEELLKAIWHAFTALDQDHSGKVSQS LKVLSHNLCTVLKVPHPVALEEHRDDDEGPVSNQGYM
PYLNRFILEKVQDNFDKIEFNRCWTL CVKKNLTKNPLLITEEDAFKIWVIFNFLSEDKYPLIIVSEEIE
YLLKKLTEAMGGGWQQEQFEHYKINFDDSKNGLSAWELIELIGNGQFSKGM DRQTVSMAINEVFNELILD
VLKQGYMMKKGHRRKNWTERWFLKPNII SYVSEDLKDKKGDILLDENCCVESLPDKDGKKCLFLVKCF
DKTFEISASDKKKKQEWIQA IHSTIHLKLGSPPPHKEARQRRELKRLKQLAEQEELERQM KELQAANES
KQQLEAVRKKLEEAASRAAEKKRLQTQVELQARFSTELEREKLIRQQMEEQVAQKSSELEQYLQRVR
ELEDMYLKLQEALEDERQARQDEETVRKLQARLLEESSKRAELEKWHLEQQQAIQTTEAEKQEL ENQRV
LKEQALQEAMEQLEQLELERKQALEQYEEVKKKLEMATNKT KSWKDKVAHHEGLIRLIEPGSKNPHLITN
WGPAAFTEAELEEREKNWKEKKTTE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 68.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

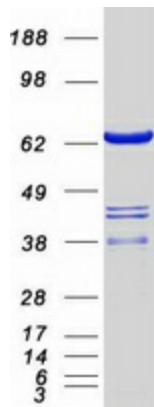
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055870
Locus ID:	23075
UniProt ID:	Q9UH65 , B3KUB9
RefSeq Size:	4882
Cytogenetics:	11p15.4
RefSeq ORF:	1755
Synonyms:	HSPC321; SWAP-70
Summary:	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 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SWAP70 protein (Cat# [TP300074]). The protein was produced from HEK293T cells transfected with SWAP70 cDNA clone (Cat# [RC200074]) using MegaTran 2.0 (Cat# [TT210002]).