

## Product datasheet for **TP300074**

### SWAP70 (NM\_015055) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SWAP-70 protein (SWAP70), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200074 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGSLKEELLKAIWHAFTALDQDHSGKVSQS LKVLSHNLCTVLKVPHPVALEEHRDDDEGPVSNQGYM  
PYLNRFILEKVQDNFDKIEFNRM CWTL CVKKNLTKNPLLITEEDAFKIWVIFNFLSEDKYPLIIVSEEIE  
YLLKKLTEAMGGGWQQEQFEHYKINFDDSKNGLSAWELIELIGNGQFSKGM DRQTVSMAINEVFNELILD  
VLKQGYMMKKGHRRKNWTERWFLKPNII SYVSEDLKDKKGDILLDENCCVESLPDKDGKKCLFLVKCF  
DKTFEISASDKKKKQEWIQA IHSTIHL LKLSPPPHKEARQRRELKRLKQLAEQEELERQM KELQAANES  
KQQLEAVRKKLEEAASRAAEKKRLQTQVELQARFSTELEREKLIRQQMEEQVAQKSSELEQYLQRVR  
ELEDMYLKLQEALEDERQARQDEETVRKLQARLLEEESSKRAELEKWHLEQQQAIQTTEAEKQEL ENQRV  
LKEQALQEAMEQLEQLELERKQALEQYEEVKKKLEMATNKT KSWKDKVAHHEGLIRLIEPGSKNPHLITN  
WGPAAFTEAELEEREKNWKEKKTTE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

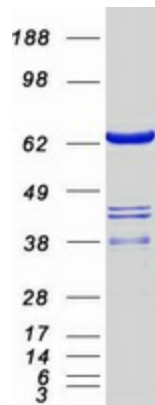
Tag:	C-Myc/DDK
Predicted MW:	68.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<a href="#">NP_055870</a>
Locus ID:	23075
UniProt ID:	<a href="#">Q9UH65</a> , <a href="#">B3KUB9</a>
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]).