

## Product datasheet for **TP300074L**

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

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human SWAP-70 protein (SWAP70), 1 mg

**Species:** Human

**Expression Host:** HEK293T

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

MGSLKEELLKAIWHAFTALDQDHSGKVSQS LKVLSHNLCTVLKVPHPVALEEHRDDDEGPVSNQGYM  
PYLNRFILEKVQDNFDKIEFNRM CWTL CVKKNLTKNPLLITEEDAFKIWVIFNFLSEDKYPLIIVSEEIE  
YLLKKLTEAMGGGWQQEQFEHYKINFDDSKNGLSAWELIELIGNGQFSKGMDRQTVSMINEVFNELILD  
VLKQGYMMKKGHRRKNWTERWFLKPNIIISYYVSEDLKDKKGDILLDENCCVESLPDKDGKKCLFLVKCF  
DKTFEISASDKKKKQEWIQAIHSTIHLKLGSPPPHKEARQRRELKRLKQLAEQEELERQMKEQLAANES  
KQQLEAVRKKLEEAASRAAEEEEKRLQTQVELQARFSTELEREKLIRQQMEEQVAQKSSELEQYLQRVR  
ELEDMYLKLQEALEDERQARQDEETVRKLQARLLEEESSKRAELEKWHLEQQQAIQTTEAEKQELNQVR  
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.

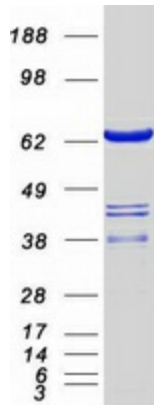
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055870</a>
<b>Locus ID:</b>	23075
<b>UniProt ID:</b>	<a href="#">Q9UH65</a> , <a href="#">B3KUB9</a>
<b>RefSeq Size:</b>	4882
<b>Cytogenetics:</b>	11p15.4
<b>RefSeq ORF:</b>	1755
<b>Synonyms:</b>	HSPC321; SWAP-70
<b>Summary:</b>	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]).