

Product datasheet for PH300074

SWAP70 (NM_015055) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SWAP70 MS Standard C13 and N15-labeled recombinant protein (NP_055870)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200074
Predicted MW:	69 kDa
Protein Sequence:	>RC200074 protein sequence Red=Cloning site Green=Tags(s)

MGSLKEELLKAIWHAFTALDQDHSQKVSQKLVLSHNLCTVLKVPHPVALEEHRDDDEGPVSNQGYM
PYLNRFI LEKVQDNFDKIEFNRCWTL CVKKNLTKNPLLI TEEDAFKIWVIFNFLSEDKYPLIIVSEEIE
YLLKKLTEAMGGWQQEQFEHYKINFDDSKNGLSAWELIELIGNGQFSKGMDRQTVSMAINEVFNELILD
VLKQGYMMKKGHRKNWTERWFVLKPNII SYVSEDLKDKKGDILLDENCCEVSLPDKDGKKCLFLVKCF
DKTFEISASDKKKKQEWIQAIIHSTIHLKLGSPPHKEARQRRELKQKLAEQEELERQMKELQAANES
KQQELEAVRKKLEEAASRAAEEEEKRLQTQVELQARFSTELEREKLI RQQMEEQVAQKSSELEQYLQVRV
ELEDMYLKLQEAL EDERQARQDEETVRKLQARLLEEESSKRAELEKWHLEQQQAIQTTEAEKQEL ENQRV
LKEQALQEAMEQLEQLELERKQALEQYEEVKKKLEMATNKTKSWKDKVAHHEGLIRLIEPGSKNPHLITN
WGPAAFTEAELEEREKNWKEKKTTE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

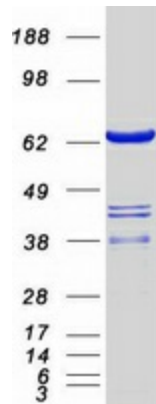
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055870
RefSeq Size:	4882
RefSeq ORF:	1755



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Synonyms:	HSPC321; SWAP-70
Locus ID:	23075
UniProt ID:	Q9UH65 , B3KUB9
Cytogenetics:	11p15.4
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]).