

## Product datasheet for TP509147

### Swap70 (NM\_009302) Mouse Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse SWA-70 protein (Swap70), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR209147 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MRGLKDELLKAIWHAFTALDLDNRSGKVSQSQKVLVSHNLCTVLKVPHPVALEEHRDDDEGPVSNQGYM  
PYLNKFILEKVQDNFDKIEFNRCWTLKCVKKNLTKSPLLITEDDAFKVWVIFNFLSEDKYPLIIVPEEIE  
YLLKKLTEAMGGGWQQEQFEHYKINFDDNKDGLSAWELIELIGNQFSKGMQRQTVSMINEVFNELILD  
VLKQGYMMKKGHKRKNWTERWFVLKPNIISSYYVSEDLKDKKGDILLDENCCVESLPDKDGGKCLFLIKCF  
DKTFEISASDKKKKQEWIQAIYSTIHLKLGSPPHKEARQRRKELRRKLLAEQEELERQMELQAANEN  
KQQELESVRKKLEEAASRAADEEKKRLQTQVELQTRFSTELEREKLRQQMEEQVAQKSSELEQYLQVRV  
ELEDMYLKLQEALEDERQARQDEETVRKLQARLLEEESSKRAELEKWHLEQQQAIQTTEAEKQELEQQRV  
MKEQALQEAMAQLEQLELERKQALEQYEGVKKKLEMATHMTKSWKDKVAHHERLIRLIEPGSKNPHLITN  
WGPAFTQAELEEREKSWKEKKTTE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	69.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<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.



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RefSeq: [NP\\_033328](#)

Locus ID: 20947

UniProt ID: [Q6A028](#)

RefSeq Size: 4056

Cytogenetics: 7 57.7 cM

RefSeq ORF: 1758

Synonyms: 70kDa; AV235546

**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]