

## Product datasheet for **TP510394**

### Acap1 (NM\_153788) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ArfGAP with coiled-coil, ankyrin repeat and PH domains 1 (Acap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR210394 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MTVKLDFEELKDSRFRASIELVETEVSLETRLEKLLKLGSCLLLESGQHLYLAAGRAFVVGICDLARLG  
 PPEPMMAECLKFTVSLNHKLDSHAELLDATQHTLQQQIQTTLVKEGLRGFREARRDFWRGAENLEALTH  
 NAEVPRRRVQEAEEAGTALRTARAGYRSRALDYALQVNVIEDKRFKFDIMEFVLRRLVEAQATYFQQGHEEL  
 NRLAQYRKELGTQLHNLVLSARQKRDMEQRHVLLKQKELGGEEPEPSLKEGPSGLVMEGHLFKRASNAF  
 KTWSRRWFTIQNNQLVYQKYPVTVVDDLRCLCTVKLCPDSERRFCFEVSTSKSCFLQADSERLLQL  
 WWSAVQSSIASAFSQAHLNSPRGPGQVSGYHAPGSAATLACGGAARGRESGGVGVAAQVQSVGDGNAQC  
 CDCREPAPEWASINLGVTLCIQCSGIHRSLGVHFSKVRSLTDSWEPELVKLMCELGNVIINQIYEARVE  
 AMAVKKPGPSCSRQEKEAWIHAKYVEKKFLTKLPEIRGRRGGRGPPRGHPPVPPKPIRPHSGIVRSKSE  
 CPSDDMGSLLHPGALLFQAAGHPPSLPTMADALAHGADVNWNVVGQGNATPLIRATAANSLACEFLLQNG  
 ANVNQADSAGRPLHHATILGHTGLACLFLKRGADLGARDTEGRDPLTIAMETTNADIVTLLRLAKMREA  
 EAAQQGAGDETYLDIFRDFSLMASDDPEKLSRRSHDLHTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	81.7 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
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 after receiving vials.



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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_722483</a>
<b>Locus ID:</b>	216859
<b>UniProt ID:</b>	<a href="#">Q8K2H4</a>
<b>RefSeq Size:</b>	2482
<b>Cytogenetics:</b>	11 B3
<b>RefSeq ORF:</b>	2223
<b>Synonyms:</b>	Centb1
<b>Summary:</b>	GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6) required for clathrin-dependent export of proteins from recycling endosomes to trans-Golgi network and cell surface. Required for regulated export of ITGB1 from recycling endosomes to the cell surface and ITGB1-dependent cell migration (By similarity).[UniProtKB/Swiss-Prot Function]