

Product datasheet for **TP303724M**

CENTB1 (ACAP1) (NM_014716) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ArfGAP with coiled-coil, ankyrin repeat and PH domains 1 (ACAP1), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC203724 protein sequence

Clone or AA Red=Cloning site Green=Tags(s)

Sequence:

MTVKLDFEELKDSRFRASIELVEAEVSELETRLEKLLKLGTLLESGRHYLAASRAFVWGICDLARLG
PPEPMMAECLKFTVSLNHKLDSHAELLDATQHTLQQQIQTLVKEGLRGFREARRDFWRGAESLEAALTH
NAEVPRRRAQEAE EAGAALRTARAGYRGRALDYALQINVIEDKRKFDIMEFVLRRLVEAQATHFQQGHEEL
SRLSQYRKELGAQLHQLVLNSAREKRDMEQRHVLLKQKELGGEEPEPSLREGPGGLVMEGHLFKRASNAF
KTWSRRWFITQSNQLVYQKKYKDPVTWVDDLRLCTVKLCPDSERRFCFEVSTSKSCLLQADSERLLQL
WVSAVQSSIASAFSQARLDDSPRGGQSGHLAGSAATLGS GGMARGREP GG VGHVVAQVQSV DGN AQ C
CDCREPAPEWASINLGVTLCIQCSGIHRSLGVHFSKVRSLTDSWEPELVKLMCELGNVIINQIYEARVE
AMAVKKPGPSCSRQEKEAWIHAKYVEKKFLTKLPEIRRRGGRRGRPRGQPPVPPKPSIRPRPGSLRSKPE
PPSEDLGSLHPGALLFRASGHPPSLPTMADALAHGADVNVWNGGQDNATPLIQATAANSL LACEFLLQNG
ANVNQADSAGRGPLHHATILGHTGLACLFLKRGADLGARDSEGRDPLTIAMETANADIVTLLRLAKMREA
EAAQGQAGDETYLDIFRDFSLMASDDPEKLSRRSHDLHTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 81.4 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.

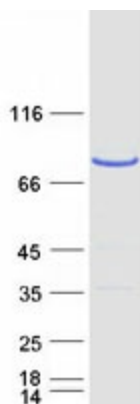
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
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:	NP_055531
Locus ID:	9744
UniProt ID:	Q15027
RefSeq Size:	2523
Cytogenetics:	17p13.1
RefSeq ORF:	2220
Synonyms:	CENTB1
Summary:	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.[UniProtKB/Swiss-Prot Function]
Protein Pathways:	Endocytosis

Product images:



Coomassie blue staining of purified ACAP1 protein (Cat# [TP303724]). The protein was produced from HEK293T cells transfected with ACAP1 cDNA clone (Cat# [RC203724]) using MegaTran 2.0 (Cat# [TT210002]).