

Recombinant Human ACAP1 Protein, GST-Tagged

Cat. No. ACAP1-0001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CENTB1 full-length ORF (NP_055531.1, 1 a.a. - 740 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	ACAP1 (ArfGAP With Coiled-Coil, Ankyrin Repeat And PH Domains 1) is a Protein Coding gene. Among its related pathways are Arf6 signaling events and Arf6 trafficking events. GO annotations related to this gene include GTPase activator activity. An important paralog of this gene is ACAP2.
Molecular Mass	107.9 kDa
AA Sequence	MTVKLDFEECLKDSPRFRASIELVEAEVSELETRLEKLLKLTGGLLESGRHYLAASRA FVVGICDLARLGPPEPMMMAECLEKFTVSLNHKLDSHAELLDATQHTLQQQIQTLVKE GLRGFREARRDFWRGAESLEAALTHNAEVPRRRAQEAEAGAAALRTARAGYRGRA LDYALQINVIEDKRKFDIMEFVLRRLVEAQATHFQQGHEELSRLSQYRKELGAQLHQL VLNSAREKRDMEQRHVLLKQKELGGEEPEPSLREGPGGLVMEGHLFKRASNAFKT WSRRWFTIQSNQLVYQKKYKDPVTVVVDDLRLCTVKLCPDSERRFCFEVVSTSKSC LLQADSERLLQLWWSAVQSSIASAFSQARLDDSPRPGPGQGSGHLAIGSAATLGSGG MARGREPGGVGHVVAQVQSVDGNAQCDCREPAPEWASINLGVTLCIQCSGIHRS LGVHFSKVRSLTLDWEPELVKLMCELGNVIINQIYEARVEAMAVKKPGPSCSRQEK EAWIHAKYVEKKFLTKLPEIRGRRGGRGRPRGQPPVPPKPSIRPRPGSLRSKPEPPS

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EDLGSLHPGALLFRASGHPPSLPTMADALAHGADVNWVNGGQDNATPLIQATAANS
LLACEFLLQNGANVNQADSAGRGPLHHATILGHTGLACLFLKRGADLGARDSEGRD
PLTIAMETANADIVTLLRLAKMREAEAAQGQAGDETYLDIFRDFSLMASDDPEKLSRR
SHDLHTL

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [ACAP1 ArfGAP with coiled-coil, ankyrin repeat and PH domains 1 \[Homo sapiens \]](#)

Official Symbol [ACAP1](#)

Synonyms ACAP1; ArfGAP with coiled-coil, ankyrin repeat and PH domains 1; centaurin, beta 1, CENTB1; arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1; KIAA0050; cnt-b1; centaurin-beta-1; centaurin, beta 1; Arf GAP with coiled coil, ANK repeat and PH domains 1; CENTB1;

Gene ID [9744](#)

mRNA Refseq [NM_014716](#)

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Protein Refseq NP_055531

MIM 607763

UniProt ID Q15027

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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