

Recombinant Full Length Human ACAP2 Protein, GST-tagged

Cat. No. ACAP2-2574HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CENTB2 full-length ORF (NP_036419.2, 1 a.a. - 778 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	778 amino acids
Description	ACAP2 (ArfGAP With Coiled-Coil, Ankyrin Repeat And PH Domains 2) is a Protein Coding gene. Among its related pathways are Arf6 signaling events and Endocytosis. GO annotations related to this gene include GTPase activator activity and Rab GTPase binding. An important paralog of this gene is ACAP3.
Molecular Mass	114.5 kDa
AA Sequence	<p>MKMTVDFEELKDSRPFRAALEEVEGDVAEELKLDKLVKLCIAMIDTGKAFCVANK QFMNGIRDLAQYSSNDVAVVETSLTKFSDSLQEMINFHTILFDQTQRSIKAQLQNFVKE DLRKFKDAKKQFEKVSEEKENALVKNQVQRNKQHEVEEATNILTATRKCFRHALD YVLQINVLQSKRRSEILKSMLSFMYAHLAFFHQGYDLFSELGPYMKDLGAQLDRLVV DAAKEKREMEQKHSTIQKQDFSSDDSKLEYNVDAANGIVMEGYLFKRASNAFKTWN RRWFSIQNNQLVYQKKFKDNPTVVVEDLRLCTVKHCEDIERRFCFEVVSPTKSCML QADSEKLRQAWIKAVQTSIATAYREKGDSEKLDKKSSPSTGSLDSGNESKEKLLKG ESALQRVQCIPGNASCCDCGLADPRWASINLGITLCIECSGIHRSLGVHFSKVRSLTL DTWEPELLKLMCELGNDVINRVYEANVEKMGIKKPQPGQRQEKEAYIRAKYVERKF</p>

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VDKYSISLSPPEQQKKFVSKSSEEKRLSISKFGPGDQVRASAQSSVRSNDSEIQQSS
 DDGRESLPSTVSANSLYEPEGERQDSSMFLDSKHLNPGQLQYRASYEKNLPKMAEA
 LAHGADVNWANSEENKATPLIQAVLGGSLVTCEFLQNGANVNQRDVQGRGPLHH
 ATVLGHTGQVCLFLKRGANQHATDEEGKDPLSIAVEANADIVTLLRLARMNEEMRE
 SEGLYGQPGDETYQDIFRDFSQMASNNPEKLNRFQQDSQKF

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 [ACAP2 ArfGAP with coiled-coil, ankyrin repeat and PH domains 2 \[Homo sapiens \]](#)

Official Symbol [ACAP2](#)

Synonyms
 ACAP2; ArfGAP with coiled-coil, ankyrin repeat and PH domains 2; centaurin, beta 2, CENTB2; arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2; CNT B2; KIAA0041; centaurin-beta-2; centaurin, beta 2; Arf GAP with coiled coil, ANK repeat and PH domains 2; CENTB2; CNT-B2;

Gene ID [23527](#)

mRNA Refseq [NM_012287](#)

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UniProt ID Q15057

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