

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	MKMTVDFEECLKDSPRFRAALEEVEGDVAEELKLDKLVKLCIAMIDTGKAFCVANK QFMNGIRDLAQYSSNDVAVVETSLTKFSDSLQEMINFHTILFDQTQRSIKAQLQNFVKE DLRKFDAKKQFEKVSEEKENALVKNAQVQRNKQHEVEEATNILTATRKCFRHIALD YVLQINVLQSKRRSEILKSMLSFMYAHLAFFHQGYDLFSELGPYMKDLGAQLDRLVV DAAKEKREMEQKHSTIQKDFSSDDSKLEYNVDAANGIVMEGYLFKRASNAFKTWN RRWFSIQNNQLVYQKKFKDNPTVVVEDLRLCTVKHCEDIERRFCFEVVSPTKSCML QADSEKLQAWIKAVQTSIATAYREKGDSEKLDKKSSPSTGSLDSGNESKEKLLKG ESALQRVQCIPGNASCCDCGLADPRWASINLGITLCIECSGIHRS LGVHFSKVRSLTL DTWEPELLKLMCELGNDVINRVYEANVEKMGIKKPQPGQRQEKEAYIRAKYVERKF

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VDKYSISLSPPEQQKKFVSKSSEEKRLSISKFGPGDQVRASAQSSVRSNDSEIQQSS
DDGRESLPSTVSANSLYEPEGERQDSSMFLDSKHLNPGLQLYRASYEKNLPKMAEA
LAHGADVNWANSEENKATPLIQAVLGGSLVTCEFLQNGANVNQRDVQGRGPLHH
ATVLGHTGQVCLFLKRGANQHATDEEGKDPLSIAVEAANADIVTLLRLARMNEEMRE
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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Protein Refseq	NP_036419
MIM	607766
UniProt ID	Q15057

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