

Recombinant Human ACAP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ACAP2-1264H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ACAP2 MS Standard C13 and N15-labeled recombinant protein (NP_036419) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	ACAP2 (ArfGAP With Coiled-Coil, Ankyrin Repeat And PH Domains 2) is a Protein Coding gene. Diseases associated with ACAP2 include Tethered Spinal Cord Syndrome. Among its related pathways are Endocytosis and Arf6 signaling events. Gene Ontology (GO) annotations related to this gene include GTPase activator activity and Rab GTPase binding. An important paralog of this gene is ACAP3.
Molecular Mass	88.1 kDa
AA Sequence	MKMTVDFEECLKDSPRFRAALEEVEGDVAEELKLDKLVKLCIAMIDTGKAFCVANK QFMNGIRDLAQYSSNDVAVETSLTKFSDSLQEMINFHTILFDQTQRSIKAQLQNFVKE DLRKFDAKKQFEKVSEEKENALVKNAQVQRNKQHEVEEATNILTATRKCFRHIALD YVLQINVLQSKRRSEILKSMLSFMYAHLAFFHQGYDLFSELGPYMKDLGAQLDRLVV DAAKEKREMEQKHSTIQKQDFSSDDSKLEYNVDAANGIVMEGYLFKRASNAFKTWN RRWFSIQNNQLVYQKKFKDNPTVVVEDLRLCTVKHCEDIERRFCFEVVSPTKSCML QADSEKLRQAWIKAVQTSIATAYREKGDSEKLDKKSSPSTGSLDSGNESKEKLLKG ESALQRVQCIPGNASCCDCGLADPRWASINLGITLCIECSGIHRS LGVHFSKVRSLTL

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DTWEPELLKLMCELGNDVINRVYEANVEKMGIKKPQPGQRQEKEAYIRAKYVERKF
VDKYSISLSPPQQKKFVSKSSEEKRLSISKFGPGDQVRASAQSSVRSNDSEIQQSS
DDGRESLPSTVSANSLYEPEGERQDSSMFLDSKHLNPGQLQLYRASYEKNLPKMAEA
LAHGADVNWANSEENKATPLIQAVLGGSLVTCEFLQNGANVNQRDVQGRGPLHH
ATVLGHTGQVCLFLKRGANQHATDEEGKDPLSIAVEAANADIVTLLRLARMNEEMRE
SEGLYGQPGDETYQDIFRDFSQMASNNPEKLNRFQQDSQKFTRTRPLEQKLISEED
LAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ACAP2 ArfGAP with coiled-coil, ankyrin repeat and PH domains 2 [Homo sapiens (human)]

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;

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Gene ID	23527
mRNA Refseq	NM_012287
Protein Refseq	NP_036419
MIM	607766
UniProt ID	Q15057
SDS-PAGE	