

Recombinant Human CAP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CAP2-4437H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CAP2 MS Standard C13 and N15-labeled recombinant protein (NP_006357) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene was identified by its similarity to the gene for human adenylyl cyclase-associated protein. The function of the protein encoded by this gene is unknown. However, the protein appears to be able to interact with adenylyl cyclase-associated protein and actin.
Molecular Mass	52.8 kDa
AA Sequence	MANMQGLVERLERAVSRLESLSAESHPPGNCGEVNGVIAGVAPSVEAFDKLMDS MVAEFLKNSRILAGDVETHAEMVHSAFQAQRAFLLMASQYQQPHENDVAALLKPISE KIQEIQTFRERNRGSNMFNHL SAVSESIPALGWI AVSPKPGPYVKEMNDAATFYTNR VLKDYKHSDLRHVDWVKSYLNIWSELQAYIKEHHTTGLTWSKTGPVASTVSAFSVLS SGPGLPPPPPLPPPGPPPLFENEGKKEESSPSRSALFAQLNQGEAITKGLRHVTDD QKTYKNPSLRAQGGQTQSPTKSHTPSPTSPKSYPSQKHAPVLELEGKKWRVEYQE DRNDLVISETELKQVAYIFKCEKSTIQIKGKVNSIIDNCKKLGLVFDNVVGIVEVINSQD IQIQVMGRVPTISINKTEGCHIYLS DALDCEIVSAKSSEM NILIPQDGDYREFPIPEQF KTAWDGSKLITEPAEIMATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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.

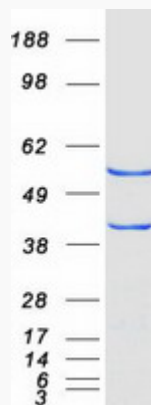
GENE INFORMATION

Gene Name	CAP2 cyclase associated actin cytoskeleton regulatory protein 2 [Homo sapiens (human)]
Official Symbol	CAP2
Synonyms	CAP2; CAP, adenylate cyclase-associated protein, 2 (yeast); adenylyl cyclase-associated protein 2; CAP 2; 2810452G09Rik;
Gene ID	10486
mRNA Refseq	NM_006366
Protein Refseq	NP_006357
MIM	618385
UniProt ID	P40123

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SDS-PAGE

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