

Recombinant Full Length Human CAP2 Protein, C-Flag-tagged

Cat. No. CAP2-2120HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CAP2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	52.6 kDa
AA Sequence	MANMQGLVERLERAVSRLESLSAESHPPGNCGEVNGVIAGVAPSVEAFDKLMDS MVAEFLKNSRILAGD VETHAEMVHSAFQAQRAFLLMASQYQQPHENDVAALLKPIS EKIQEIQTFRERNRGSNMFNLSAVSESI PALGWIAVSPKPGPYVKEMNDAATFYTN RVLKDYKHSDLRHVDWVKSYLNIWSELQAYIKEHHTTGLTWS KTGPVASTVSAFSV LSSGPGPLPPPPPLPPPGPPPLFENEGKKEESSPSRSALFAQLNQGEAITKGLRHV TDDQKTYKNPSLRAQGGQTQSPTKSHTPSPTSPKSYPSQKHAPVLELEGKKWRVE YQEDRNDLVISETEL KQVAYIFKCEKSTIQIKGVNSIIIDNCKKLGLVFDNVVGIVEVI NSQDIQIQVMGRVPTISINKTEGCH IYLSERALDCEIVSAKSSEMNILIPQGDYREFP IPEQFKTAWDGSKLITEPAEIMA TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	CAP2 cyclase associated actin cytoskeleton regulatory protein 2 [Homo sapiens (human)]
Official Symbol	CAP2
Synonyms	adenylyl cyclase-associated protein 2
Gene ID	10486
mRNA Refseq	NM_006366.3
Protein Refseq	NP_006357.1
MIM	618385

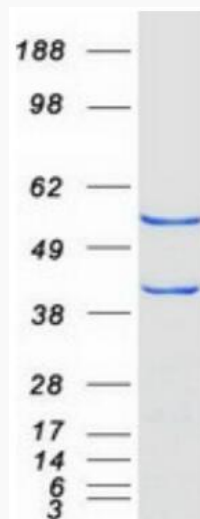
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UniProt ID

P40123



Coomassie blue staining of purified CAP2 protein.

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