

Recombinant Human CAP2 protein, His & S-tagged

Cat. No. CAP2-8096H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAP2 aa. (Met1~Ala477 (Accession # P40123)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Ala477
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 59.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.0.
Applications	SDS-PAGE; WB; ELISA; IP

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

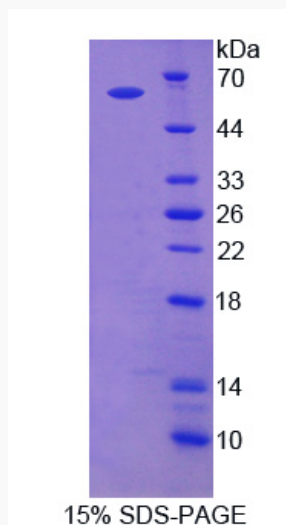
Gene Name	CAP2 cyclase associated actin cytoskeleton regulatory protein 2 [Homo sapiens (human)]
Official Symbol	CAP2
Synonyms	2810452G09Rik; CAP 2; CAP, adenylate cyclase-associated protein, 2; adenylyl cyclase-associated protein 2
Gene ID	10486
mRNA Refseq	NM_006366.2
Protein Refseq	NP_006357.1
UniProt ID	P40123

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SDS-PAGE



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