

## Recombinant Human CAP1 protein, His/sumo-tagged

**Cat. No.** CAP1-382H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CAP1(aa 2-475) fused with His/sumo tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	aa 2-475
<b>Form</b>	Tris-based buffer, 50% glycerol
<b>AA Sequence</b>	<p>ADMQNLVER LERAVGRLEA VSHTSDMHRG YADSPSKAGA APYVQAFDSL  LAGPVAEYLK ISKEIGGDVQ KHAEMVHTGL KLERALLVTA SQCQQPAENK  LSDLLAPISE QIKEVITFRE KNRGSKLFNH LSAVSESIQA LGWVAMAPKP  GPYVKEMNDA AMFYTNRVLK EYKDVDKHHV DWVKAYLSIW TELQAYIKEF  HTTGLAWSKT GPVAKELSGL PSGPSAGSCP PPPPPCPPPP PVSTISCSYE  SASRSSLFAQ INQGESITHA LKHVSDDMKT HKNPALKAQs GPVRSGPKPF  SAPKPQTSPS PKRATKKEPA VLELEGKKWR VENQENVSNL VIEDTELKQV  AYIYKCVNTT LQIKGKINSI TVDNCKKLGL VFDDVVGIVE IINSKDVKVQ  VMGKVPTISI NKTDGCHAYL SKNSLDCEIV SAKSSEMNVL IPTEGGDFNE  FPVPEQFKTL WNGQKLVTTV TEIAG</p>
<b>Purity</b>	>90% ( SDS-PAGE )
<b>Storage</b>	Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80

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centigrade. Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

## GENE INFORMATION

**Gene Name** [CAP1 CAP, adenylate cyclase-associated protein 1 \(yeast\) \[ Homo sapiens \]](#)

**Official Symbol** [CAP1](#)

**Synonyms** CAP1; CAP, adenylate cyclase-associated protein 1 (yeast); adenylyl cyclase-associated protein 1; CAP; CAP 1; CAP1-PEN;

**Gene ID** [10487](#)

**mRNA Refseq** [NM\\_001105530](#)

**Protein Refseq** [NP\\_001099000](#)

**MIM**

**UniProt ID** [Q01518](#)

**Chromosome Location** 1p34.3

**Pathway** Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Hemostasis, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem; Platelet degranulation, organism-specific biosystem; Response to elevated platelet cytosolic Ca<sup>2+</sup>, organism-specific biosystem;

**Function** actin binding; binding;

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