

Recombinant Human CAP1 protein, His/sumo-tagged

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 Ca²⁺, organism-specific biosystem;

Function actin binding; binding;

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