

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

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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 ²⁺ , organism-specific biosystem;
Function	actin binding; binding;

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