Recombinant Human CAP1 protein, His-tagged

Cat. No. CAP1-3191H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAP1(Ala38~Lys149) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala38~Lys149
Form	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
AA Sequence	AGA APYVQAFDSL LAGPVAEYLK ISKEIGGDVQ KHAEMVHTGL KLERALLVTA SQCQQPAENK LSDLLAPISE QIKEVITFRE KNRGSKLFNH LSAVSESIQA LGWVAMAPK
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Applications	SDS-PAGE; WB; ELISA; IP.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in sterile ddH2O.

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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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