

Recombinant Full Length Human CAP1 Protein, GST-tagged

Cat. No. CAP1-2809HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CAP1 full-length ORF (AAH13963, 1 a.a. - 475 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	475 amino acids
Description	The protein encoded by this gene is related to the <i>S. cerevisiae</i> CAP protein, which is involved in the cyclic AMP pathway. The human protein is able to interact with other molecules of the same protein, as well as with CAP2 and actin. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2016]
Molecular Mass	77.99 kDa
AA Sequence	MADMQNLVERLERAVGRLEAVSHTSDMHRGYADSPSKAGAAPYVQAFDSLLAGPV AEYLKISKEIGGDVQKHAEMVHTGLKLERALLVTASQCQQPAENKLSDLLAPISEIQIK EVITFREKNRGSKLNFHLSAVSESIQALGWVAMAPKPGPYVKEMNDAAMFYTNRVL KEYKDVDKKHVDWVKAYLSIWTELQAYIKEFHTTGLAWSKTGPVAKELSGLPSPGPS AGSGPPPPPPGPPPPPVSTSSGSDESASRSALFAQINQGESITHALKHVSDDMKTH KNPALKAQSGPVRSGPKPFSAPKPQTSPSPKTRATKKEPAVLELEGKKWRVENQEN VSNLVIEDTELKQVAYIYKCVNTTLQIKGKINSITVDNCKKLGLVFDDVVGIVEIINSKDV KVQVMGKVPTISINKTDGCHAYLSKNSLDCEIVSAKSSEMNVLIPTEGGDFNEFPVPE

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QFKTLWNGQKLVTTVTEIAG

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

617801

UniProt ID

Q01518

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