

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
Protein Length	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 AEYLKISKEIGGDVQKHAEMVHTGLKLERALLVTASQCQQPAENKLSDLLAPISEQIK EVITFREKNRGSKLFNHL SAVSESIQALGWVAMAPKPGPYVKEMNDAAMFYTNRVL KEYKDVDKHKHVDWVKAYLSIWTELQAYIKEFHHTTGLAWSKTGPVAKELSGLPSPGS AGSGPPPPPPGPPPPVSTSSGSDESASRSALFAQINQGESITHALKHVSDDMKTH KNPALKAQSGPVRSGPKPFSAPKPQTSPSPKRATKKEPAVLELEGKKWRVENQEN VSNLVIEDTELKQVAYIYKCVNTTLQIKGKINSITVDNCKLGLVFDDVVGIVEIINSKDV 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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