

Recombinant Human CAP1 Protein, GST-Tagged

Cat. No. CAP1-0351H **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	Wheat Germ
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 EVITFREKNRGSKLFNHLSAVSESIQALGWVAMAPKPGPYVKEMNDAAMFYTNRVL KEYKDVDKKHVDWVKAYLSIWTELQAYIKEFHTTGLAWSKTGPVAKELSGLPSPGPS AGSGPPPPPPGPPPPPVSTSSGSDESASRSALFAQINQGESITHALKHVSDDMKTH KNPALKAQSGPVRSRGPSPKPFSAKPKQTSPSPKPKRATKKEPAVLELEGKKWRVENQEN VSNLVIEDTELKQVAYIYKCVNTTLQIKGKINSITVDNCKKLGLVFDDVVGIVEIINSKDV KVQVMGKVPTISINKTDGCHAYLSKNSLDCEIVSAKSSEMNVLIPTEGGDFNEFPVPE QFKTLWNGQKLVTTVTEIAG

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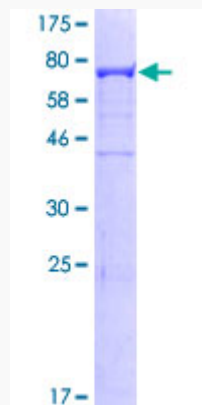
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 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
UniProt ID	Q01518

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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