

Recombinant Full Length Human CPA4 Protein, GST-tagged

Cat. No. CPA4-2030HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CPA4 full-length ORF (BAF83682.1, 1 a.a. - 421 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	421 amino acids
Description	<p>This gene is a member of the carboxypeptidase A/B subfamily, and it is located in a cluster with three other family members on chromosome 7. Carboxypeptidases are zinc-containing exopeptidases that catalyze the release of carboxy-terminal amino acids, and are synthesized as zymogens that are activated by proteolytic cleavage. This gene could be involved in the histone hyperacetylation pathway. It is imprinted and may be a strong candidate gene for prostate cancer aggressiveness. [provided by RefSeq, Jul 2008]</p>
Molecular Mass	72.71 kDa
AA Sequence	<p>MRWILFIGALIGSSICGQEKFFGDQVLRINVRNGDEISKLSQLVNSNNLKLNFWKSPS SFNRPVDVLPVSVSLQAFKSFLRSQGLEAYVTIEDLQALLDNEDDEMQRHNEGQERS SNNFNYGAYHSLEAIYHEMDNIAADFPDLARRVKIGHSFENRPMYVLKFSTGKGVRR PAVWLNAGIHSREWISQATAIWTARKIVSDYQRDPAITSILEKMDIFLLPVANPDGYVY TQTQNRLWRKTRSRNPGSSCIGADPNRNWNASFAGKGGASDNPCSEVYHGPHANS EVEVKSVDVFIQKHGNFKGFDLHSYSQLLMYPYGYSVKKAPDAEELDKVARLAAKA</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LASVSGTEYQVGPTCTTVYPASGSSIDWAYDNGIKFAFTFELRDTGTYGFLLPANQII
PTAEETWLGLKTIMEHVRDONLY

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 [CPA4 carboxypeptidase A4 \[Homo sapiens \]](#)

Official Symbol [CPA4](#)

Synonyms CPA4; carboxypeptidase A4; carboxypeptidase A3; CPA3

Gene ID [51200](#)

mRNA Refseq [NM_001163446](#)

Protein Refseq [NP_001156918](#)

MIM [607635](#)

UniProt ID [Q9UI42](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA