

Recombinant Human CPA4 Protein, GST-tagged

Cat. No. CPA4-1773H **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 Wheat Germ

Description 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]

Molecular Mass 72.71 kDa

AA Sequence MRWILFIGALIGSSICGQEKFFGDQVLRINVRNGDEISKLSQLVNSNNLKLNFWKSPS
 SFNRPVDVLPVSVSLQAFKSFLRSQGLEAYVTIEDLQALLDNEDDEMQRHNEGQERS
 SNNFNYGAYHSLEAIYHEMDNIAADFPDLARRVKIGHSFENRPMYVLKFSTGKGVRR
 PAVWLNAGIHSREWISQATAIWTARKIVSDYQRDPAITSILEKMDIFLLPVANPDGYVY
 TQTQNRLWRKTRSRNPGSSCIGADPNRNWNASFAGKGASDNPCSEVYHGPHANS
 EVEVKSVDVFIQKHGNFKGFIDLHSYSQLLMPYPYGVSVKKAPDAEELDKVARLAAKA
 LASVSGTEYQVGPTCTTVYPASGSSIDWAYDNGIKFAFTFELRDTGTYGFLPANQII

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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

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