

Recombinant Full Length Human CPA2 Protein, GST-tagged

Cat. No. CPA2-2049HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPA2 full-length ORF (AAH14571.1, 1 a.a. - 417 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	417 amino acids
Description	Three different forms of human pancreatic procarboxypeptidase A have been isolated. The encoded protein represents the A2 form, which is a monomeric protein with different biochemical properties from the A1 and A3 forms. The A2 form of pancreatic procarboxypeptidase acts on aromatic C-terminal residues and is a secreted protein. [provided by RefSeq, Dec 2008]
Molecular Mass	73.2 kDa
AA Sequence	MRLILFFGALFGHIYCLETQVGDQVLEIVPSNEEQIKNLLQLEAQEHLQLDFWKSPPTTP GETAHVRVPFVNVQAVKVFLSQGIAYSIMIEDVQVLLDKENEEMLFNRRRRERSGNF NFGAYHTLEEISQEMDNLVAEHPGLVSKVNIGSSFENRPMNVLKFSTGGDKPAIWLD AGIHAREWWTQATALWTANKIVSDYGKDPSITSILDALDIFLLPVTNPDGYVFSQTKN RMWRKTRSKVSGSLCVGVDPNRNWDAGFGGPGASSNPCSDSYHGPSANSEVEV KSIVDFIKSHGKVKAFITLHSYSQLLMFPYGYKCTKLDDFDELSEVAQKAAQSLRSLH GTKYKVGPICSVIYQASGGSIDWSYDYGKYSFAFELRDTGRYGFLLPARQILPTAEE TWLGLKAIMEHVRDHPY

 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

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	CPA2 carboxypeptidase A2 (pancreatic) [Homo sapiens]
Official Symbol	CPA2
Synonyms	CPA2; carboxypeptidase A2 (pancreatic); carboxypeptidase A2
Gene ID	1358
mRNA Refseq	NM_001869
Protein Refseq	NP_001860
MIM	600688
UniProt ID	P48052

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