

Recombinant Human CPA2 Protein, GST-tagged

Cat. No. CPA2-1770H **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	Wheat Germ
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	MRLILFFGALFGHIYCLETQVGDQVLEIVPSNEEQIKNLLQLEAQEHLQLDFWKSPTTP GETAHVRVPFVNVQAVKVFLESQGIAYSIMIEDVQVLLDKENEEMLFNRRRERSGNF NFGAYHTLEEISQEMDNLVAEHPGLVSKVNIGSSFENRPMNVLFKSTGGDKPAIWLD AGIHAREWVTQATALWTANKIVSDYGKDPSITSILDALDIFLLPVTNPDGYVFSQTKN RMWRKTRSKVSGSLCVGVDPNRNWDAGFGGPGASSNPCSDSYHGPSANSEVEV KSIVDFIKSHGKVKAFTLHSYSQLLMFPYGYKCTKLDDFDELSEVAQKAAQSLRSLH GTKYKVGPICSVIYQASGGSIDWSYDYGKYSFAFELRDTGRYGFLPARQILPTAEE TWLGLKAIMEHVDRHPY
Applications	Enzyme-linked Immunoabsorbent Assay

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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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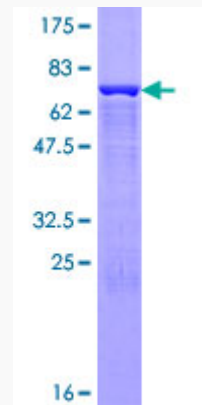
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Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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