

Recombinant Full Length Human CPA3 Protein, GST-tagged

Cat. No. CPA3-2029HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CPA3 full-length ORF (NP_001861.1, 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	This gene encodes a member of the carboxypeptidase A family of zinc metalloproteases. The encoded preproprotein is proteolytically processed to generate a mature protease that is released by mast cells and may be involved in the degradation of endogenous proteins and the inactivation of venom-associated peptides. Expression of this gene may be elevated in human asthma patients. [provided by RefSeq, Nov 2015]
Molecular Mass	75.1 kDa
AA Sequence	MRLILPVGLIATTLAIAPVRFDRKVFVRVKPQDEKQADIIDKDLAKTNELDWFYPGATHH VAANMMVDFRVSEKESQAIQSALDQNKMHYEILIHDLQEEIEKQFDVKEDIPGRHSY AKYNNWEKIVAWTEKMMDKYPEMVSRIKIGSTVEDNPLYVLKIGEKNERKKAIFMDC GIHAREWVSPAFCQWFVYQATKTYGRNKIMTKLLDRMNFYILPVFNVDGYIWSWTK NRMWRKNRSKNQNSKIGTDLNRNFNASWNSIPNTNDPCADNYRGSAPESSEKETK AVTNFIRSHLNEIKVYITFHSYSQMLLFPYGYTSKLPNHEDLAKVAKIGTDVLSTRYE TRYIYGPIESTIYPISGSSLDWAYDLGKHTFAFELRDKGKFGFLLPESRIKPTCRETML

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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

CPA3 carboxypeptidase A3 (mast cell) [Homo sapiens]

Official Symbol

CPA3

Synonyms

CPA3; carboxypeptidase A3 (mast cell); mast cell carboxypeptidase A; tissue carboxypeptidase A; MC-CPA

Gene ID

1359

mRNA Refseq

NM_001870

Protein Refseq

NP_001861

MIM

114851

UniProt ID

P15088

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