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	MRLILPVGLIATTLAIAPVRFDREKVFRVKPQDEKQADIIKDLAKTNELDFWYPGATHH VAANMMVDFRVSEKESQAIQSALDQNKMHYEILIHDLQEEIEKQFDVKEDIPGRHSY AKYNNWEKIVAWTEKMMDKYPEMVSRIKIGSTVEDNPLYVLKIGEKNERRKAIFMDC GIHAREWVSPAFCQWFVYQATKTYGRNKIMTKLLDRMNFYILPVFNVDGYIWSWTK NRMWRKNRSKNQNSKCIGTDLNRNFNASWNSIPNTNDPCADNYRGSAPESEKETK AVTNFIRSHLNEIKVYITFHSYSQMLLFPYGYTSKLPPNHEDLAKVAKIGTDVLSTRYE TRYIYGPIESTIYPISGGSSLDWAYDLGIKHTFAFELRDKGKFGFLLPESRIKPTCRETML

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	AVKFIAKYILKHTS
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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