

Recombinant Human CPA1 Protein, MYC/DDK-tagged

Cat. No. CPA1-3303H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPA1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	<p>This gene encodes a member of the carboxypeptidase A family of zinc metalloproteases. This enzyme is produced in the pancreas and preferentially cleaves C-terminal branched-chain and aromatic amino acids from dietary proteins. This gene and several family members are present in a gene cluster on chromosome 7. Mutations in this gene may be linked to chronic pancreatitis, while elevated protein levels may be associated with pancreatic cancer.</p>
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	45.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CPA1 carboxypeptidase A1 (pancreatic) [Homo sapiens]
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Official Symbol	CPA1
Synonyms	CPA
Gene ID	1357
mRNA Refseq	NM_001868
Protein Refseq	NP_001859
MIM	114850
UniProt ID	P15085

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