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	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.
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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