Recombinant Human CPA2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CPA2-3553H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CPA2 MS Standard C13 and N15-labeled recombinant protein (NP_001860) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	46.8 kDa
AA Sequence	MRLILFFGALFGHIYCLETFVGDQVLEIVPSNEEQIKNLLQLEAQEHLQLDFWKSPTTP GETAHVRVPFVNVQAVKVFLGSQGIAYSIMIEDVQVLLDKENEEMLFNRRRERSGNF NFGAYHTLEEISQEMDNLVAEHPGLVSKVNIGSSFENRPMNVLKFSTGGDKPAIWLD AGIHAREWVTQATALWTANKIVSDYGKDPSITSILDALDIFLLPVTNPDGYVFSQTKN RMWRKTRSKVSGSLCVGVDPNRNWDAGFGGPGASSNPCSDSYHGPSANSEVEV KSIVDFIKSHGKVKAFITLHSYSQLLMFPYGYKCTKLDDFDELSEVAQKAAQSLRSLH GTKYKVGPICSVIYQASGGSIDWSYDYGIKYSFAFELRDTGRYGFLLPARQILPTAEE TWLGLKAIMEHVRDHPYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

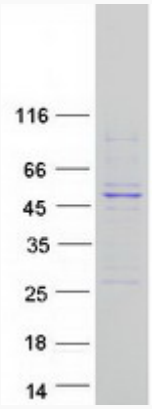
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CPA2 carboxypeptidase A2 [Homo sapiens (human)]
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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SDS-PAGE	

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