Recombinant Mouse Cpa2 Protein, Myc/DDK-tagged

Cat. No. Cpa2-2281M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length carboxypeptidase A2, pancreatic (Cpa2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the carboxypeptidase A family of zinc metalloproteases. The encoded preproprotein undergoes proteolytic processing that removes the N-terminal activation peptide to generate a functional enzyme. This gene is expressed by the pancreatic exocrine cells which secrete the enzyme during digestion. This gene is located in a cluster of carboxypeptidase genes on chromosome 6.
Molecular Mass	47.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Cpa2 carboxypeptidase A2, pancreatic [Mus musculus (house mouse)]
Official Symbol	Cpa2
Synonyms	CPA2; carboxypeptidase A2, pancreatic; carboxypeptidase A2; MGC107514
Gene ID	232680
mRNA Refseq	NM_001024698
Protein Refseq	NP_001019869
UniProt ID	Q504N0

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