Recombinant Mouse Cpa4 Protein, Myc/DDK-tagged

Cat. No. Cpa4-2282M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length carboxypeptidase A4 (Cpa4), 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 that could be involved in the histone hyperacetylation pathway. The encoded preproprotein undergoes proteolytic processing that removes the N-terminal activation peptide to generate a functional enzyme. This gene is located in a cluster of carboxypeptidase genes on chromosome 6.
Molecular Mass	47.8 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Cpa4 carboxypeptidase A4 [Mus musculus (house mouse)]
Official Symbol	Cpa4
Synonyms	CPA4; carboxypeptidase A4; AV009555; 1110019K20Rik
Gene ID	71791
mRNA Refseq	NM_027926
Protein Refseq	NP_082202
UniProt ID	Q6P8K8

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