

## Recombinant Mouse Carboxypeptidase A4 (Cpa4), C-His

Cat. No.: AP2C656

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

### Product Overview

BioVenic's Recombinant Mouse Carboxypeptidase A4 (Cpa4), C-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 47.3 kDa. The purity is >90%.

### Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	Human Cells
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	47.3 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

### Target Information

Mouse Carboxypeptidase A4 (Cpa4) is another digestive enzyme produced in the pancreas. It is secreted into the small intestine and functions similarly to Cpa2, cleaving carboxypeptidases from peptides. Cpa4 plays a role in the digestion and absorption of dietary proteins. Its expression is regulated by nutritional status and hormonal signals. Cpa4 has been implicated in pancreatic inflammation and cancer.

Protein	Mouse Carboxypeptidase A4 (Cpa4)
Protein Synonym	Cpa4
Gene ID	<a href="#">71791</a>
UniProt ID	<a href="#">Q6P8K8</a>

### Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

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## **User Note**

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.