

Recombinant Mouse Cpa3 Protein, His-tagged

Cat. No. Cpa3-624M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cpa3(Ile16~Ser417) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ile16~Ser417
Description	This gene encodes a member of the carboxypeptidase A family of zinc metalloproteases and preproprotein that is proteolytically processed to generate a mature protein product. This product is released by mast cells and may be involved in the degradation of endogenous proteins and the inactivation of venom-associated peptides. Homozygous knockout mice for this gene exhibit impaired mast cell development.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	50.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

If bio-activity of the protein is needed, please check active protein

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others

GENE INFORMATION

Gene Name

[Cpa3 carboxypeptidase A3, mast cell \[Mus musculus \]](#)

Official Symbol

[Cpa3](#)

Synonyms

CPA3; carboxypeptidase A3, mast cell; mast cell carboxypeptidase A; MC-CPA; mMC-CPA;

Gene ID

[12873](#)

mRNA Refseq

[NM_007753](#)

Protein Refseq

[NP_031779](#)

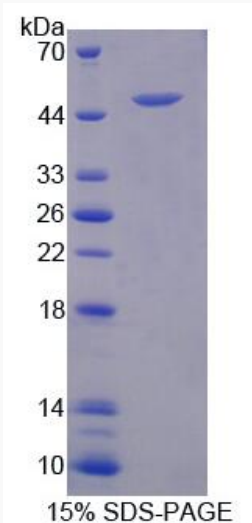
UniProt ID

[P15089](#)

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