

Recombinant Rat Cpa1 protein, His & T7-tagged

Cat. No. Cpa1-1432R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cpa1 aa. (Thr205~Tyr419 (Accession # P00731) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Thr205~Tyr419
Description	Putative carboxypeptidase A protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.7kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

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

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Cpa1 carboxypeptidase A1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cpa1

Synonyms

Cpa1; carboxypeptidase A1; carboxypeptidase A1 (pancreatic)

Gene ID

24269

mRNA Refseq

NM_016998.3

Protein Refseq

NP_058694.2

UniProt ID

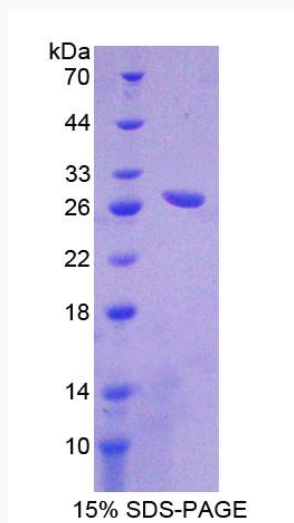
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SDS-PAGE



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