

Recombinant Rat Cpb2 protein, His-tagged

Cat. No. Cpb2-610R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cpb2 aa. (Gly164~His417 (Accession # Q9EQV9)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly164~His417
Description	A thrombin-activatable fibrinolysis inhibitor.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.7.
Applications	SDS-PAGE; WB; ELISA; IP
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°C for 48h,

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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°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% sucrose, 0.01% sarcosyl.

Reconstitution

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

GENE INFORMATION

Gene Name

Cpb2 carboxypeptidase B2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cpb2

Synonyms

Cpb2; carboxypeptidase B2; CPR; CPU; TAFI; carboxypeptidase B2 (plasma); carboxypeptidase R; carboxypeptidase U; thrombin-activable fibrinolysis inhibitor

Gene ID

113936

mRNA Refseq

NM_053617.2

Protein Refseq

NP_446069.1

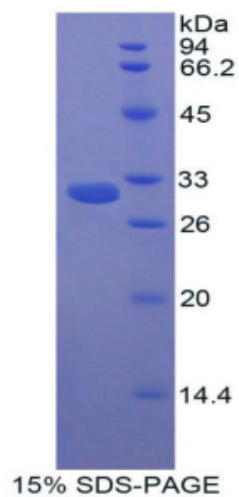
UniProt ID

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SDS-PAGE

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