

Mouse Carboxypeptidase B2/CPB2 (His Tag) recombinant protein



Catalog Number: 500803

General Information

Gene Name Synonym

Carboxypeptidase R; Carboxypeptidase U;
Thrombin-activable fibrinolysis inhibitor

Protein Construction

A DNA sequence encoding the extracellular domain of mouse CPB2 (Q9JHH6) (Met 1-Thr 422) was expressed, with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Phe 22

Molecular Mass

The secreted recombinant mouse CPB2 (pro

form) comprises 412 amino acids and has a calculated molecular mass of 48 kDa. As a result of glycosylation, the apparent molecular mass of rmCPB2 is approximately 60 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

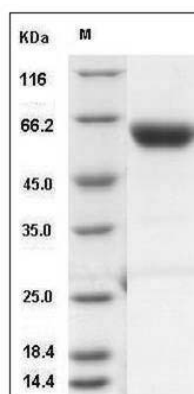
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Mouse Carboxypeptidase B2 / CPB2 Protein (His Tag) SDS-PAGE