

Human Carboxypeptidase B2/CPB2 (His Tag) recombinant protein



Catalog Number: 504574

General Information

Protein Construction

A DNA sequence encoding the human CPB2 (NP_001863.2) extracellular domain (Met 1-Val 423) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Human

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 23

Molecular Mass

The recombinant human CPB2 consists of 412 amino acids and predicts a molecular mass of 47.4 kDa. In SDS-PAGE under reducing

conditions, the apparent molecular mass of rhCPB2 is approximately 45-50 kDa due to glycosylation.

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

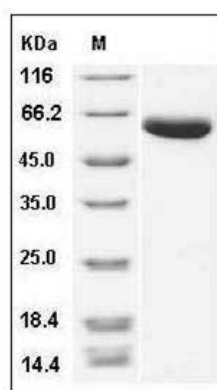
Storage

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



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