# Mouse Complement Component C2 (His Tag) recombinant protein

Catalog Number: 500705



# **General Information**

# **Gene Name Synonym**

C3/C5 convertase; Complement C2b fragment; Complement C2a fragment

#### **Protein Construction**

A DNA sequence encoding the mouse C2 (NP\_038512.2) (Met1-Leu760) was expressed with a C-terminal polyhistidine tag.

# Organism

Mouse

# **Expression Host**

**Human Cells** 

# **QC** Testing

# **Purity**

> 85 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  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**

Leu 20

#### **Molecular Mass**

The recombinant mouse C2 comprises 752 amino acids and has a predicted molecular mass of 84.2 kDa. The apparent molecular mass of the protein is approximately 91.2 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**

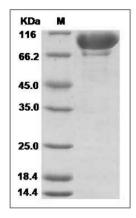
### Storage

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 C2 / Complement Component 2 Protein (His Tag) SDS-PAGE