

General Information

Protein Construction

A DNA sequence encoding the human TNNC1 (NP_003271.1) (Met1-Glu161) was expressed and purified.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

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

Predicted N terminal

Ser 21

Molecular Mass

The recombinant human TNNC1 consists of 161 amino acids and has a predicted molecular mass of 18.4 kDa. The apparent molecular mass of it is approximately 20 kDa in SDS-PAGE under

reducing conditions.

Formulation

Lyophilized from sterile 150 mM NaCl, 10 mM Na₂HPO₄, pH 7.5.

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

Usage Guide

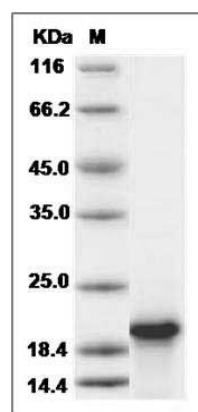
Storage

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 Troponin C / TNNC1 Protein SDS-PAGE