

Human TCN2 (His Tag) recombinant protein



Catalog Number: 502808

General Information

Gene Name Synonym

Transcobalamin II

Protein Construction

A DNA sequence encoding the human TCN2 (NP_000346.2) (Met 1-Trp 427) was expressed with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

CHO Cells

QC Testing

Purity

> 90 % 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

Glu 19

Molecular Mass

The secreted recombinant human TCN2 comprises

418 amino acids with a predicted molecular mass of 46.7 kDa. It migrates with the molecular weight of approximately 44 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

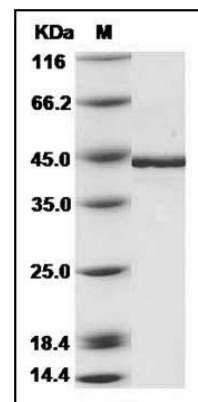
Storage

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



Human TCN2 / Transcobalamin-II Protein (His Tag) SDS-PAGE