

# Mouse TCN2 (His Tag) recombinant protein



Catalog Number: 502413

## General Information

### Gene Name Synonym

Transcobalamin II

### Protein Construction

A DNA sequence encoding the mouse TCN2 (O88968) (Met 1-Trp 430) was expressed, with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % 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 mouse TCN2 comprises

423 amino acids and has a calculated molecular mass of 47 kDa. The apparent molecular mass of the recombinant protein is approximately 42 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

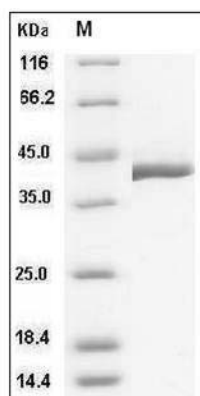
### Storage

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