

# Human P4HB (His Tag) recombinant protein



Catalog Number: 500490

## General Information

### Protein Construction

A DNA sequence encoding the human PH4B (NP\_000909.2) corresponding to amino acid (Met 1-Lys 505) was expressed with a C-terminal polyhistidine tag.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % 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

Asp 18

### Molecular Mass

The recombinant human PH4B consists of 499 amino acids and has a predicted molecular mass of 56.4 kDa. In SDS-PAGE under reducing

conditions, it migrates with an apparent molecular mass of 60 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

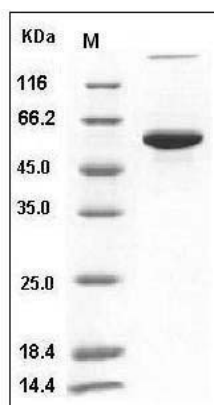
### Storage

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 P4HB / ERBA2L Protein (His Tag) SDS-PAGE