

Mouse P4HB (His Tag) recombinant protein



Catalog Number: 501083

General Information

Gene Name Synonym

Cellular thyroid hormone-binding protein;
Endoplasmic reticulum resident protein 59; Prolyl
4-hydroxylase subunit beta; p55

Protein Construction

A DNA sequence encoding the mouse P4HB
(NP_035162.1) (Met 1-Lys 506) 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

Asp 20

Molecular Mass

The secreted recombinant mouse P4HB comprises
498 amino acids and has a calculated molecular
mass of 56.2 kDa as estimated 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

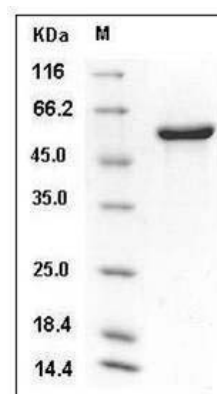
Storage

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 P4HB / ERBA2L Protein (His Tag) SDS-
PAGE