Mouse Hemopexin (His Tag) recombinant protein

Catalog Number: 501156

General Information

Protein Construction

A DNA sequence encoding the full length of mouse HPX (NP_059067.2) (Met 1-Gln 460) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind protoporphyrin IX (PPPIX). Recombinant mouse Hemopexin binds >15 μM PPPIX, resulting in a 50% decrease in the fluorescence signal of mouse Hemopexin.

Purity

> 98 % 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℃

Predicted N terminal

Ser 24

Molecular Mass

The recombinant mouse HPX consists of 448 amino acids and has a predicted molecular mass of 50.4 kDa. The apparent molecular mass of the rm HPX is approximately 60-70 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile 20mM MES, 150mM NaCl, pH 6.0
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

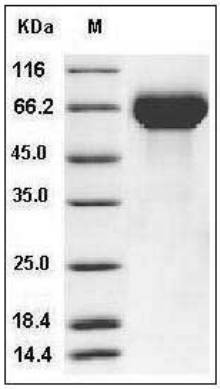
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 Hemopexin / HPX Protein (His Tag) SDS-PAGE