

Human Hemopexin / HPX Protein (His Tag)

Catalog Number: 10870-H08H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

HX

Protein Construction:

A DNA sequence encoding the human HPX (NP_000604.1) (Met 1-His 462) with a C-terminal polyhistidine tag was expressed.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: > 96 % as determined by SDS-PAGE

Bio Activity:

Measured by its ability to bind protoporphyrin IX (PPiX). Recombinant human Hemopexin binds > 10 μ M PPiX, resulting in a 50% decrease in the fluorescence signal of human Hemopexin .

Endotoxin:

< 1.0 EU per μ 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: Thr 24

Molecular Mass:

The secreted recombinant human HPX comprises 450 amino acids with a predicted molecular mass of 50.7 kDa. As a result of glycosylation, rhHPX migrates as an approximately 70-75 kDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

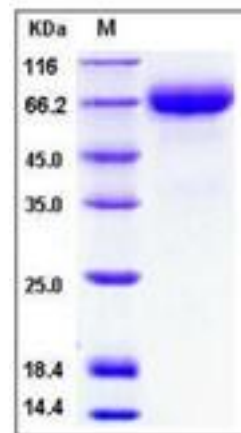
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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