

Hemopexin Protein, Human, Recombinant (His)

General Information

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| Synonyms: | hemopexin;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. Predicted N terminal: Thr 24 |
| Species: | Human |
| Expression Host: | HEK293 Cells |
| Accession: | P02790 |
| Molecular Weight: | 50.7 kDa (predicted); 70-75 kDa (reducing condition, due to glycosylation) |

QC Testing

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| Biological Activity: | Measured by its ability to bind protoporphyrin IX (PPPIX). Recombinant human Hemopexin binds > 10 μ M PPIX, resulting in a 50% decrease in the fluorescence signal of human Hemopexin. |
| Purity: | > 96 % as determined by SDS-PAGE |
| Endotoxin: | < 1.0 EU/ μ g of the protein as determined by the LAL method. |
| Formulation: | Lyophilized from a solution filtered through a 0.22 μ m filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization. |

Preparation and Storage

Reconstitution:
A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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