

Recombinant Chicken Hemopexin (HPX)

Cat. No.: AP2C437

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Chicken Hemopexin (HPX) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 3.6 kDa. The purity is >85% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Chicken
Expression System	<i>E.coli</i>
Purity	>85% (SDS-PAGE)
Predicted Molecular Weight	3.6 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

Target Information

Chicken Hemopexin (HPX) is an acute phase protein with high affinity for heme, playing a crucial role in heme transport and protection against oxidative stress. In chickens, HPX is synthesized in the liver and secreted into the bloodstream, where it binds free heme to prevent oxidative damage and facilitate heme recycling. HPX levels increase significantly during acute phase responses, such as inflammation or infection, making it a useful biomarker for these conditions.

Protein	Chicken Hemopexin (HPX)
Protein Synonym	Hemopexin
Gene ID	419076
UniProt ID	P20057

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.