

For Research Use Only

Recombinant Mouse Hpx/Hemopexin protein (rFc Tag) (HPLC verified)



Catalog Number: Eg2829

Basic Information

Species:
Mouse

Purity:
>90 %, SDS-PAGE
 >90 %, SEC-HPLC

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE
 >90 %, SEC-HPLC

Endotoxin Level:
<0.1 EU/ µg protein, LAL method

Source:
HEK293-derived Mouse Hpx protein Ser24-Gln460 (Accession# Q91X72) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
15458

Accession:
Q91X72

Predicted Molecular Mass:
74.9 kDa

SDS-PAGE:
80-100 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Hemopexin (HPX) is a 60-kDa plasma glycoprotein mainly expressed by the liver, although the nervous system, skeletal muscle, retina, and kidney are also recognized Hx synthesis sites. HPX is the plasma protein with the highest binding affinity to heme among known proteins. It is mainly expressed in liver, and belongs to acute phase reactants, the synthesis of which is induced after inflammation.

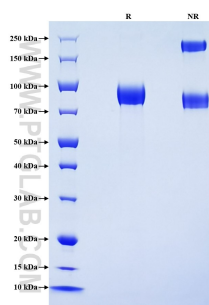
References

- 1.Fiorito V, Tolosano E. (2022). Int J Mol Sci. 23(2):997.
- 2.Tolosano E, Altruda F. (2002). DNA Cell Biol. 21(4):297-306.

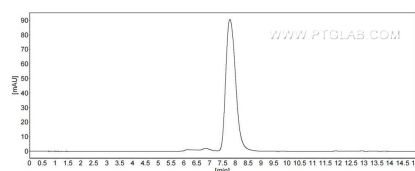
Synonyms

Hemopexin, Hpxn

Selected Validation Data



Purity of Recombinant Mouse Hpx was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.



The purity of Mouse Hpx was greater than 90% as determined by SEC-HPLC.

For technical support and original validation data for this product please contact

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