

Active Recombinant Mouse Hpx protein, His-tagged

Cat. No. Hpx-3282M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hpx protein(NP_059067.2)(Met1-Gln460), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-460 a.a.
Form	Lyophilized from sterile 20mM MES, 150mM NaCl, pH 6.0Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to bind protoporphyrin IX (PPPIX). Recombinant mouse Hemopexin binds >15 μM PPIX, resulting in a 50% decrease in the fluorescence signal of mouse Hemopexin.
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.
Proteinlength	Met1-Gln460

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Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 98 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Hpx hemopexin [<i>Mus musculus</i>]
Official Symbol	Hpx
Synonyms	HPX; hemopexin; hx; Hpxn;
Gene ID	15458
mRNA Refseq	NM_017371
Protein Refseq	NP_059067

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