

# Recombinant Mouse HPX Protein, His-tagged

**Cat. No.** HPX-48M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse HPX Protein, fused to His-tag, was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | Predicted to enable heme binding activity. Acts upstream of or within several processes, including hemoglobin metabolic process; positive regulation of immune response; and positive regulation of macromolecule metabolic process. Predicted to be located in extracellular region. Predicted to be active in extracellular space. Is expressed in brain; embryo; liver; liver left lobe; and liver right lobe. Orthologous to human HPX (hemopexin).                                                       |
| <b>Form</b>             | Lyophilized from sterile 20mM MES, 150mM NaCl, pH 6.0.                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 50.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | <p>SPLPTANGRVAEVENGTKPDSVPEHCLDTWSFDAATMDHNGTMLFFKGEFVWRG<br/> HSGTRELISARWKNPITSVDAAFRGPDSVFLIKEDKVWVYPPEKKENGYPKLFQEEF<br/> PGIPYPPDAAVECHRGECQSEGLVFFQGNRKWFWDFA TRTQKERSWSTVGNCTA<br/> ALRWLERYYCFQGNKFLRFNPVTGEVPPRYPLDARDYFVSCPGRGHGRPRNGTAH<br/> GNSTHPMHSRCSPDPGLTALLSDHRGATYAFTGSHYWRLDSSRDGWHWSWPIAHH<br/> WPQGPSTVDAAFSWDDKVYLIQGTQVYVFLTKGGNNLVSGYPKRLEKELGSPPGIS<br/> LETIDAAFSCPGSSRLYVSSGRRLWWLDLKSGAQATWTEVSWPHEKVDGALCLDK<br/> SLGPNTCSSNGSSLYFIHGPNLYCYSSIDKLNAAKSLPQPQKVNSILGCSQAHHHHH</p> |

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|                      |                                                                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | HHHHH                                                                                                                                                               |
| <b>Endotoxin</b>     | 1EU/ug                                                                                                                                                              |
| <b>Purity</b>        | >90%                                                                                                                                                                |
| <b>Storage</b>       | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Concentration</b> | 1 mg/vail                                                                                                                                                           |

## GENE INFORMATION

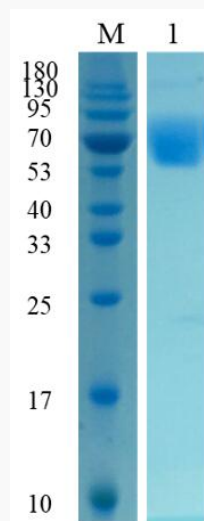
|                        |                                              |
|------------------------|----------------------------------------------|
| <b>Gene Name</b>       | Hpx hemopexin [ Mus musculus (house mouse) ] |
| <b>Official Symbol</b> | HPX                                          |
| <b>Synonyms</b>        | hx; Hpxn                                     |
| <b>Gene ID</b>         | 15458                                        |
| <b>mRNA Refseq</b>     | NM_017371                                    |
| <b>Protein Refseq</b>  | NP_059067                                    |
| <b>UniProt ID</b>      | Q91X72                                       |

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# SDS-PAGE



Reducing 12% SDS-PAGE analysis profile of purified HPX (CBB stained).

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