



Recombinant Rat Hemopexin (Hpx)

Product Code	CSB-EP010723RA-B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P20059
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	NPLPAAHETVAKGENGTKPDSVDIEHCSDAWSFDATTMDHNGTMLFFKGEFV WRGHSIRELISERWKNPVTSDAAFRGPDSVFLIKEDKVWVYPPEKKENGY PKLFQEESPGIPYPPDAAVECHRGEQSEGLVFFQGNRKWFWDFATRTRQKE RSWPAVGNCTAALRWLERYCFQGNKFLRFNPVTGEVPPRYPLDARDYFISC PGRGHGKLRNGTAHGNSTHPMHSRCNADPGLSALLSDHRGATYAFSGSHYW RLDSSRDGWHWPAAHHPQGPSAVDAAFSWDEKVYLIQGTQVYVFLTKGG NNLVSGYPKRLEKELGSPPGISLDTIDAAFSCPGSSKLYVTSGRRLWWLDLKS GAQATWAEELSWPHEKVDGALCLEKSLGPYSCSSNGPNLFFIHGPNLYCYSSID KLNAAKSLPQPQKVNSILGCSQ
Research Area	Others
Source	E.coli
Target Names	Hpx
Protein Names	Recommended name: Hemopexin
Expression Region	24-460aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a plasma glycoprotein that binds heme with high affinity. The encoded protein is an acute phase protein that transports heme from the plasma to the liver and may be involved in protecting cells from oxidative stress.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.