

Hemopexin Protein, Human (HEK293, His)

Cat. No.:	HY-P70244
Synonyms:	rHuHemopexin, His ; Hemopexin; Hpx; Hpxn
Species:	Human
Source:	HEK293
Accession:	P02790 (T24-H462)
Gene ID:	3263
Molecular Weight:	60-90 kDa

PROPERTIES

AA Sequence

T P L P P T S A H G	N V A E G E T K P D	P D V T E R C S D G	W S F D A T T L D D
N G T M L F F K G E	F V W K S H K W D R	E L I S E R W K N F	P S P V D A A F R Q
G H N S V F L I K G	D K V W V Y P P E K	K E K G Y P K L L Q	D E F P G I P S P L
D A A V E C H R G E	C Q A E G V L F F Q	G D R E W F W D L A	T G T M K E R S W P
A V G N C S S A L R	W L G R Y Y C F Q G	N Q F L R F D P V R	G E V P P R Y P R D
V R D Y F M P C P G	R G H G H R N G T G	H G N S T H H G P E	Y M R C S P H L V L
S A L T S D N H G A	T Y A F S G T H Y W	R L D T S R D G W H	S W P I A H Q W P Q
G P S A V D A A F S	W E E K L Y L V Q G	T Q V Y V F L T K G	G Y T L V S G Y P K
R L E K E V G T P H	G I I L D S V D A A	F I C P G S S R L H	I M A G R R L W W L
D L K S G A Q A T W	T E L P W P H E K V	D G A L C M E K S L	G P N S C S A N G P
G L Y L I H G P N L	Y C Y S D V E K L N	A A K A L P Q P Q N	V T S L L G C T H

Appearance Solution.

Formulation Supplied as a 0.2 µm filtered solution of 20 mM MES, 150 mM NaCl, pH 5.5.

Endotoxin Level <1 EU/µg, determined by LAL method.

Reconstitution N/A

Storage & Stability Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.

Shipping Shipping with dry ice

DESCRIPTION

Background

Hemopexin Protein efficiently binds heme, facilitating its transport to the liver for degradation and subsequent recovery of iron. Once this crucial process is complete, the liberated hemopexin seamlessly re-enters circulation. Additionally, it

engages in interactions with FLVCR1, contributing to its multifaceted role in heme metabolism and iron homeostasis.

Caution: Product has not been fully validated for medical applications. For research use only.

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