

Active Recombinant Human HPX protein, His-tagged

Cat. No. HPX-754H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human HPX protein(P02790)(Thr24-His462) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	24-462 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Measured by its ability to bind to porphyrin IX (PPPIX). Recombinant human Hemopexin binds > 20 µM PPIX, resulting in a 50% decrease in the fluorescence signal of human Hemopexin.
Molecular Mass	The protein has a predicted MW of 50.3 kDa. Due to glycosylation, the protein migrates to 68-75 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution	Dissolve the lyophilized protein in distilled water.
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protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_000604.1
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Unit ID	P02790
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Unit ID-Weblink	http://www.uniprot.org/uniprot/P02790
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GENE INFORMATION

Gene Name	HPX hemopexin [Homo sapiens]
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Official Symbol	HPX
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Synonyms	HPX; hemopexin; beta-1B-glycoprotein; HX; FLJ56652;
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Gene ID	3263
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mRNA Refseq	NM_000613
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protein Refseq	NP_000604
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MIM	142290
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