

HPX

Native Human Hemopexin

Catalog No.	CNH014	Quantity:	1 mg
Alternate Names:	Hemopexin, Beta-1B-glycoprotein		
Description:	Hemopexin levels in serum reflect how much heme is present in the blood. Therefore, low hemopexin levels indicates that there has been significant degradation of heme containing compounds and hemopexin is made to scavenge any heme it can. Low hemopexin levels are one of the diagnostic features of a hemolytic anemia.		
Gene ID:	3263		
UniProt ID:	P02790		
Concentration:	Reported in mg/vial (A280nm, E = 1.97)		
Source:	Human Plasma		
Molecular Weight:	57 kDa		
Formulation:	Lyophilized from phosphate buffered saline, pH 7.4.		
Purity:	≥ 95% (SDS-PAGE)		
Extinction Coefficient:	$E_{0.1\%}^{280\text{ nm}} = 1.97$		
Reconstitution:	Reconstitute with purified H ₂ O to a concentration of 2-4 mg protein/mL. Centrifuge briefly to ensure complete recovery. Prepare further dilutions with phosphate buffered saline, pH 7.4.		
Storage & Stability:	Store unopened at -20°C to -80°C for up to 1 year. Avoid repeated freeze-thaw cycles.		
Certification:	Non-Infectious Disease Certification: Non-reactive for HIV-1/HCV/HBV by NAT; Syphilis, HBcAg, HBsAg, HCV Ab, HIV-1&2 Ab and RPR by currently approved FDA methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at Bio-Safety Level 2 (BSL 2) as recommended for potentially infectious human serum or blood specimen in the CCD/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 2009.		

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