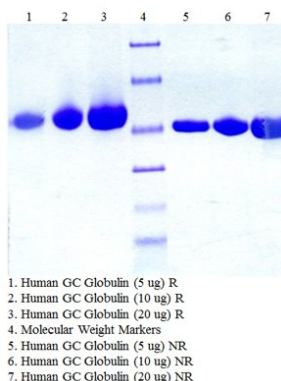


HP

Native Human Haptoglobin, Plasma

Catalog No.	CSI19803A CSI19803B	Quantity:	5 mg 10 mg
Alternate Names:	Zonulin		
Description:	An acute-phase plasma protein found in human plasma at 100-300 mg per 100 ml. Binds hemoglobin, thus preventing loss of iron through the kidneys. Humans are polymorphic for haptoglobin, with three major phenotypes. Hp 1-1 is the most common, and the most effective in binding free hemoglobin. Hp 2-2 is the least effective. This functional difference may be associated with the frequency and severity of epilepsy attacks, as researchers have found a correlation between recurring seizures and the Hp 2-2 phenotype.		
UniProt ID:	P00738		
Gene ID:	3240		
Source:	Human plasma		
Molecular Weight:	By phenotype - Hp 1-1: 86,000; Hp 2-1: 200,000; Hp 2-2: 400,000.		
Formulation:	Lyophilized powder in Salt free buffer.		
Purity:	>95% by SDS-PAGE analysis		
Extinction Coefficient:	$E^{0.1\%}_{280nm} = 1.2$		
Storage & Stability:	Store at -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.		



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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