

SPECIFICATION

Ceruloplasmin

Human Plasma

GENERAL INFORMATION

Catalogue Number	187-51	Storage Temperature	-20°C
CAS Number	9031-37-2	Storage Note	Protect from moisture
EC Number	1.16.3.1	Shipping Note	Cold Pack
Synonyms	CER, CP, Ferroxidase		
Molecular Weight	132,000		

PRODUCT INFORMATION

Source	Human plasma
Form	Lyophilized from 50 mM potassium phosphate, 100 mM potassium chloride, 20 mM EACA, and 5 mM EDTA, pH 6.8
Protein	Report mg/vial ($E^{0.1\%}_{280nm}=1.5$)
Purity	≥ 95% (SDS-PAGE)
Recertification	Five years from date of manufacture

HANDLING INFORMATION

Reconstitution	Reconstitute with 0.2 mL high purity water per mg protein. Make further dilutions in the lyophilization buffer (see above). Avoid buffers containing sodium, which may cause precipitation. Store at 2 – 8°C after reconstitution. Avoid freeze-thaw cycles.
Handling	Handle as a potentially hazardous substance.

Non-infectious disease statement: Negative or non-reactive at the donor level for anti-HIV 1 and 2, anti-HCV, and HBsAg by FDA approved methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at the Biosafety Level 2 (BSL 2) as recommended for any potentially infectious human serum or blood specimen in the CDC/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 2009. This product is intended for research, laboratory use, or further manufacturing. It is not for administration to humans. We certify this to be true to the best of our knowledge. The statements herein are offered for informational purposes only and are intended to be used solely for your consideration, investigation and verification. The suitability of this product for each application must be determined by each end user.

