

Ceruloplasmin, Human Plasma recombinant protein
Ferroxidase
Catalog # PBV10087r**Specification**

Ceruloplasmin, Human Plasma recombinant protein - Product info

Primary Accession [P00450](#)
Calculated MW **132.0 kDa** KDa

Ceruloplasmin, Human Plasma recombinant protein - Additional Info

Gene ID	1356
Gene Symbol	CP
Other Names	
Ferroxidase	
Gene Source	Human
Source	Human plasma
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC;
Recombinant	No
Target/Specificity	
Ceruloplasmin	

Application Notes

Reconstitute in deionized H₂O. Aliquot and store at -20°C. Avoid freeze-thaw cycles.

Format

Lyophilized protein

Storage

-20°C; Lyophilized from 50 mM potassium phosphate, pH 6.8, 100 mM KCl and 20 mM ε-amino caproic acid + 5 mM EDTA.

Ceruloplasmin, Human Plasma recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Ceruloplasmin, Human Plasma recombinant protein - Images

Ceruloplasmin, Human Plasma recombinant protein - Background

An acute-phase reactant. Increased levels are associated with normal pregnancy, rheumatoid arthritis, and cirrhosis. Decreased levels are associated with hepatolenticular degeneration (Wilson's Disease). An elevated level of Cp is found in patients with progressive tumors. Additionally, as Cp is a pro-oxidant, an elevated level is a sign of cardiovascular disease.

Ceruloplasmin, Human Plasma recombinant protein - References

Koschinsky M.L.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:5086-5090(1986).
Daimon M.,et al.Biochem. Biophys. Res. Commun. 208:1028-1035(1995).
Mercer J.F.B.,et al.FEBS Lett. 203:185-190(1986).
Bingle C.D.,et al.Submitted (MAR-1999) to the EMBL/GenBank/DDBJ databases.
Yang F.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:3257-3261(1986).