

Native Human Plasma Ceruloplasmin

Cat. No. CP-8073H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Plasma Ceruloplasmin was purified from Human Plasma.
Species	Human
Source	Human Plasma
Description	Human Ceruloplasmin (CER) is officially known as ferroxidase or iron(II):oxygen oxidoreductase. Human Ceruloplasmin (CER) is an enzyme synthesized in the liver containing 8 atoms of copper in its structure.
Form	Lyophilized
Molecular Mass	Estimated at 134 kDa
Purity	>96% by SDS-PAGE
Storage	-20 °C

GENE INFORMATION

Gene Name	CP ceruloplasmin (ferroxidase) [Homo sapiens]
Official Symbol	CP
Synonyms	CP; ceruloplasmin (ferroxidase); ceruloplasmin; CP-2;

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Gene ID	1356
mRNA Refseq	NM_000096
Protein Refseq	NP_000087
MIM	117700
UniProt ID	P00450
Chromosome Location	3q23-q25
Pathway	HIF-1-alpha transcription factor network, organism-specific biosystem; Iron uptake and transport, organism-specific biosystem; Metal ion SLC transporters, organism-specific biosystem; Porphyrin and chlorophyll metabolism, organism-specific biosystem; Porphyrin and chlorophyll metabolism, conserved biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	chaperone binding; copper ion binding; ferroxidase activity; metal ion binding; oxidoreductase activity;