

Native Human CP Protein

Cat. No. CP-1767H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CP native protein from human plasma.
Species	Human
Source	Human Plasma
Description	The protein encoded by this gene is a metalloprotein that binds most of the copper in plasma and is involved in the peroxidation of Fe(II)transferrin to Fe(III) transferrin. Mutations in this gene cause aceruloplasminemia, which results in iron accumulation and tissue damage, and is associated with diabetes and neurologic abnormalities. Two transcript variants, one protein-coding and the other not protein-coding, have been found for this gene. [provided by RefSeq, Feb 2012]
Form	Lyophilized
Molecular Mass	132 kDa
Purity	>= 95% by SDS-PAGE
Applications	SDS-PAGE
Storage	Store at -20 centigrade on dry atmosphere. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	Lyophilized from 50 mM potassium phosphate, 100 mM KCl, pH 6.8 (20 mM E-amino

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caproic acid, 5 mM EDTA)

GENE INFORMATION

Gene Name	CP ceruloplasmin (ferroxidase) [Homo sapiens]
Official Symbol	CP
Synonyms	CP; ceruloplasmin (ferroxidase); ceruloplasmin; CP-2;
Gene ID	1356
mRNA Refseq	NM_000096
Protein Refseq	NP_000087
MIM	117700
UniProt ID	P00450

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