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Datasheet for ABIN7505804

Ceruloplasmin Protein (AA 789-1065) (His tag)

Overview

Quantity:	100 µg
Target:	Ceruloplasmin (CP)
Protein Characteristics:	AA 789-1065
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ceruloplasmin protein is labelled with His tag.

Product Details

Sequence:	Asp 789-Gly 1065
Characteristics:	A DNA sequence encoding the Human CP protein (P00450) (Asp 789-Gly 1065) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Ceruloplasmin (CP)
Alternative Name:	Ceruloplasmin (Ferroxidase) (CP Products)
Background:	<p>Background: Ceruloplasmin is a blue, copper-binding (6-7 atoms per molecule) glycoprotein. It has ferroxidase activity oxidizing Fe(2+) to Fe(3+) without releasing radical oxygen species. It is involved in iron transport across the cell membrane.</p> <p>Synonym: CERU,Ceruloplasmin,CP 2,CP,CP2</p>

Target Details

Molecular Weight:	30.36 kDa
UniProt:	P00450
Pathways:	Transition Metal Ion Homeostasis

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months