

Ceruloplasmin (CP) Recombinant Protein | CP recombinant protein

Recombinant Human Ceruloplasmin (CP) , partial

CATALOG #
AAA81653

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Ceruloplasmin (CP); Recombinant Human Ceruloplasmin (CP); partial; CP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	807-1050aa; Partial
Sequence	ILGPQLHADV GDKVKIIFKN MATRPYSIHA HGVQTESSTV TPTLPGETLT YVWKIPERSG AGTEDSACIP WAYYSTVDQV KDLYSGLIGP LIVCRRPYLK VFNPRRKLEF ALLFLVFDEN ESWYLDNLIK TYSDHPEKVN KDDEEFIESN KMHAINGRMF GNLQGLTMHV GDEVNWYLMG MGNEIDLHTV HFHGHSHFYK HRGVYSSDVF DIFPGTYQTL EMFPRTPGIW LLHCHVTDHI HAGM
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for CP recombinant protein	This protein 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557485
NCBI GeneID	1356
NCBI Accession #	NP_000087.1
NCBI GenBank Nucleotide #	NM_000096.3
UniProt Accession #	P00450 ; Q14063 ; Q2PP18 ; Q9UKS4
Molecular Weight	35.4 kDa
NCBI Official Full Name	ceruloplasmin
NCBI Official Synonym Full Names	ceruloplasmin
NCBI Official Symbol	CP
NCBI Official Synonym Symbols	CP-2
NCBI Protein Information	ceruloplasmin

UniProt Protein Name	Ceruloplasmin
UniProt Gene Name	CP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cp-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/81653>