

Product datasheet for **SC213306**

Ceruloplasmin (CP) (NM_000096) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Ceruloplasmin (CP) (NM_000096) Human 3' UTR Clone
Symbol:	Ceruloplasmin
Synonyms:	CP-2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000096
Insert Size:	1247 bp



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Insert Sequence: >SC213306 3'UTR clone of NM_000096
 The sequence shown below is from the reference sequence of NM_000096. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTACAAAATGAAGACACCAAAATCTGGCTGAATGAAATAAATTGGTGATAAGTGAAAAAAGAGAAAAAC
CAATGATTCATAACAATGTATGTGAAAGTGAAAAATAGAATGTTACTTTGGAATGACTATAAACATTAA
AAGAAGACTGGAAGCATACAACCTTTGTACATTTGTGGGGAAAACTATTAATTTTTTGCAAATGGAAAG
ATCAACAGACTATATAATGATACATGACTGACACTTGTACACTAGGTAATAAACTGATTCATACAGTC
TAATGATATCACCGCTGTAGGGTTTTATAAACTGCATTTAAAAAAGATCTATGACCAGATATTCTC
CTGGGTGCTCCTCAAAGGAACACTATTAAGTTTCATTGAAATGTTTTCAATCATTGCCTTCCCATTGAT
CCTTCTAACATGCTGTTGACATCACACCTAATATTCAGAGGGAATGGGCAAGGTATGAGGGAAGGAAAT
AAAAAATAAAATAAAATAAATAGAATGACACAAATTTGAGTTTTGTGAACCCCTGAACAGATGGTCTTA
AGGACGTTATCTGGAACCTGGAGAAAAGCAGAGTTGAGAGACAATTCTATAGATTAATCCTGGTAAGGA
CAAACATTGCCATTAGAAGAAAAGCTTCAAATAGACCTGTGGCAGATGTCACATGAGTAGAATTTCTG
CCCAGCCTTAACTGCATTGAGAGGATAATCAATGAACTAAACTTGAACATAAAAAATTTTTTAAACAAA
AAGTTATAAAATGAAGACACATGGTTGTGAATACAATGATGATTTCTTTATTTTACATACACTCTAGC
TAAAAGAGCAAGAGTACACATCAACAAAATGGAAACAAGGCTTTGGCTGAAAAAATCAAGCAATTTGAC
AAATCATGTTAATAGCTAGACAAGAAGAAAGTTAGCTTTGTAACCTTCTACTTCATTTGATTGAGAGAA
ACAGAGCATGAGTTTTCTTAAAAGTAACAAGAAAAGGAACAAAAAATGAGGTTTGAATCTTTTACC
ATGGCAAAAACATTAACATCTTTCTCAAAAACATAGAGAAATCTGGAAAAATCAAGAAGATAAAATCTG
GACCAGTTAGTGACATTTCTTCAAGCATACTTGTAAAATGTTTCCTTAAAGTGTTCTTGGGATGAAAT
GATTGTCATGTCTCCAACAACAGTGAACCTGATGTTGTTCTTGAATAAAAGTCAATCCCACCTTAAA
AAATG
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_000096.4](#)

Summary: 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]

Locus ID: 1356

MW: 48.7