

Product datasheet for **MC206814**

Cpox (BC017680) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpox (BC017680) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpox
Synonyms:	CPX, HCP, clone 560
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC017680
 GCTGGGGAGTCTGGGTCTCAGGACCCTGGGAGCTCCGGTGGGTCTGCAGGATCGGATTTGCCAGTCCCG
 GCGGGAGATGGCCTTGGCGCTGGGCCGCTGGGTTGCGACCCCTGGTGGCGAGCGGTGCTGGGCGACTAT
 GCTCAGCTGCGCGCCGCTCCCCGCGTGCAGCTCCGCCGCTGCGCAGCTGCCTGGCACGGCTGGTC
 CCCAGCCTCGCCGCGGCTGGGCTACGGCCCTGGGCTAGAGGCGGGTCCGGGCTGGGGACCCGGCTGGC
 CGCGACGCTGGCGGGTGGCAGGGCTGGCAGCCGCGCCTTTGGGCACGTGCAGCGGGGAGATGGTG
 CCCAAGAGCTCGGGGCGCGGAGCCCTCACCTGGACGGCGGAGGAGGACGGGGACGAGCTGGCCCGCC
 GCTGCAGCACCTTCATGTCTCGCCGGTGACCGAGCTGCGGGAGCTGCGGAGGAGCCGGAGGACATGAA
 GACCAAGATGGAGCTGATGATTATGGAGACCCAGGCTCAGGTGTGTCGGGCACTGGCGCAGGTAGATGGC
 GTTGCCGACTTCACTGTGGACCGGTGGGAGAGGAAAGAAGGAGGAGGTGGCATCACCTGTGTGCTTCAGG
 ACGGGCGTGTGTTTAAAAGGCCGGGTGAGCATTTCGTCGTTTCATGGGAATCTTTCTGAGGAAGCAGC
 GAACCAATGAGAGGCAGAGGCAAACTCTGAAGACGAAAGATAGTAAATGCCATTTACTGCTATGGGT
 GTAAGTTCTGTGATTCACCCCAAGAATCCTTATGCGCCACCATGCATTTCAACTACAGATACTTTGAAG
 TAGAGGAAGCTGACGGTAACACACACTGGTGGTTTGGGGTGGCTGTGACCTCACACCGACATACTTGA
 CCAAGAGGATGCTGTCCATTTCCACCGTACTCTAAAGGAAGCTTTCGATCAGCATGGGCCAGACATCTAC
 CCAAGGTTTAAAAAATGGTGTGACGACTACTTCTTATAGTTACCGCGGGAGCGGAGGGGCATCGGCG
 GCATCTTTTTTACGATCTTGACTCCCCCTCAAGGAGGAGGCTTTCGCTTCGTGAAGACGTGTGCTGA
 GGCTGTGGTCCCTTCTATGTTCCATTGTGAAGAAGCACTGCGATGACTCCTACACCCCGAGGACAAG
 CTGTGGCAGCAGCTGAGGAGAGGGCGGTATGTGGAGTTTAACTGTTGTATGATCGGGGACCAAGTTTG
 GCCTCTTACTCCAGGATCCAGGATCGAAAGTATCTTGATGTCTTTACCTTAACAGCAAGATGGGAGTA
 CATGCATTTCCCCAGAGAATCCAAAGAAGCTGAAATCTGGAAGTGTGCGCCATCCAAAGGACTGG
 GTGCACTGATGCATCAGACAGAGCCTTCCAGGGCCTGGTGGACACAGGTGGTGTCTTCGTGCACTGT
 GGCCACTGTGTGGCAGGCAGTGTCTCCGTGCCTTACTGTCCCGCCTTTCCACCTGGGCACCCCGTC
 TGTGGCAGGCGGTTTTGATCTTTCCAGTGTGTGGGAGGAGGTGGCTCAGAGGTGGGTGGGATGTCAA
 ACTGTGAGATTCTTGTCTGTGACATCCATTTGACTTTTAGAATAATTTCTATGACCAGTCAGTTTGA
 CATTGTGTTTCCAGGCTTTGAGATAAGGGAATGTAATACTATGATAGGTACCAGGAACTCTTCATTT
 TATATGTTGCTTGAAGTTTTAGTTTTGCTACAGAAGTTTATCAGGGAATACATTTTATCTTCATTAGTT
 CAGTCAGGATGCCCTTCTGGGAACTTTGGAATGCAATTTGAAGCCAGTCCGTGGTGTGTTTGCCTTTA
 ATCTCAGTATTCAGGAAGCAGAGGCTGGTGGATCTCTGTGATTTTGAAGCCAGGCTATTCTACAAAGGGA
 GTTCTAGTCCAGCCAGGCTACACAGAGAAACCCTGTCTTAAAAAGAACCAACCCCGGGGGGGGGGGGGG
 AAAAAACGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC017680

Insert Size: 1065 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC017680](#), [AAH17680](#)

RefSeq Size: 2053 bp

RefSeq ORF: 1065 bp

Locus ID: 12892

Cytogenetics: 16 C1.2

Gene Summary: Involved in the heme biosynthesis. Catalyzes the aerobic oxidative decarboxylation of propionate groups of rings A and B of coproporphyrinogen-III to yield the vinyl groups in protoporphyrinogen-IX (By similarity).[UniProtKB/Swiss-Prot Function]