

Product datasheet for **MC200043**

Ppox (NM_008911) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppox (NM_008911) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ppox
Synonyms: Ppo
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC002047 sequence for NM_008911
GGGATACCAGACTTGAACCTGCTCACCAGCTGAGGCTGGAAAAACCGAGTCTGTAGAATTCTGGCCTCC
GAAGGGTTTGAGCTGGGGAGATAGCGTGGGCGTGGCCCTTATCTGCACACGGACAGGATGGTCTGCTCCT
AGGGCCTCTATCAGTCACTCACTTTCTCGGGTTCCCCCTATCTCGTGGGTAAATTCTGGCTTCAGAACGA
AGACCTTACTCTTCCACCAGCACGTACACGCGCCCTGCATTAGTTGCTCATAAATCAGCCTTACGATG
GGCCGGACTGTGATAGTACTTGGCGGAGGTATCAGTGGATTGGCCGAAGTTATCATCTGATCCGAGGCC
CCAGTCTCCTAAGGTGATCTTAGTGGAGGGCAGCAAGCGTTTGGGAGGATGGATCCGCTCAATCCGAGG
ATCAGATGGTGAATCTTTGAACCTGGACCTCGAGGGATTAGGCCGGCTGGAGCCCTGGGAGCCCGGACC
CTGCTCCTGGTTTCTGAACCTGGCTTGGAGTCTGAAGTCTTGCCTGTCCGAGGGGATCACCAGCTGCC
AGAACAGGTTCTGTATGTAGGCGGTACCCTGCACCCTTACCCTCCGGCCTCAGGGGGCTACTCCGTCC
TTCACCCCTTCTCAAAACCTCTGTTTTGGGCTGGGCTGAGGGAGTTGCTGAAACCCAGGGGCAAAGAG
CCTGATGAAACTGTGCACAGTTTTGCCAGCGCCCTTGGACCTGAGGTGGCGTCTTAGCCATGGACA
GTCTTTGCCGAGGAGTGTGCTGGCAACAGCCAGGAGCTCAGCATCCGGTCTGCTTTCCAGTCTCTT
CCAAGCTGAACAAACCCACCGTCCATATTGCTGGGGCTGCTGCTGGGCGCAGGACAGAGTCCCCAGCCG
GATTCCTCACTAATTCGTGAGGCCCGGGCTGAGCGATGGAGCCAGTGGTCACTCCGTGGAGGGCTGGAGG
TGTTGCCCCAGGCTTTCACAATCACCTAGCAAGTAAAGGGGTCAGTGTCTCAGTGGGCAGCCAGTCTG
TGGGCTCAGCCTCAGCCAGAAGGGCGCTGGAAGGTGTCTTAGGGGACAGCAGTCTGGAGGCTGACCAC
ATTATAAGTGCCATTCCAGCTTCAGAGCTCAGCAAGCTGCTCCCTGCCGAGGCTGCACCTTAGCTCGAA
TCCTGAGTACCATCAAGGCAGTGTCTGTTGCTGTGGTGAATCTGCAGTACCGAGGAGCTTGTCTGCCTGT
CCAGGGATTTGGACATTTGGTGCCATCGTCAGAAGACCCGACTGCTGCGGAATTGTGTACGACTCGGTG
GCTTTTCTGAACAGGATGGGAACCCCAAGCCTCAGAGTGACTGTGATGTTGGGAGGTTACTGGCTAC
AGAAGCTAAAAGCTGCGGGCCACCAACTGTCTCCAGAGCTGTTCCAGCAACAAGCCAGGAGGCAGCCGC
CACACAGTTAGGACTAAAAGAACCACCGAGTCACTGCCTGGTCCATCTACACAAGAACTGTATCCCTCAG
TATACAATAGGCCACTGGCAAAACTAGACTCAGCTATGCAATTCTGACGGCCAGAGGTTGCCCTGA
CTTTGGCTGGAGCCTCCTATGAGGGGGTGTGTCAATGACTGTATAGAGAGTGGGCGCCAGGCAGCAGT
TGCTGTCTGGGCACAGAATCTAACAGCTGACAAGCCCTGTCCCGTCCCACCCCTTTCTACTC
ATGAAAGTAAAAGTTGGTAGAGCTTAAA AAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_008911
Insert Size:	1434 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:	<ol style="list-style-type: none">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:	BC002047 , AAH02047
RefSeq Size:	1835 bp
RefSeq ORF:	1434 bp
Locus ID:	19044
UniProt ID:	P51175
Cytogenetics:	1 H3
Gene Summary:	Catalyzes the 6-electron oxidation of protoporphyrinogen-IX to form protoporphyrin-IX. [UniProtKB/Swiss-Prot Function]