

Product datasheet for **RN200907**

Ppox (NM_001105968) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppox (NM_001105968) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppox
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200907 representing NM_001105968
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCCGACTGTGATAGTGTCTGGCGGAGGTATCAGCGGATTGGCCGCAAGTTATCATCTGACCCGAA
 GCCCAGTCCTCCTAAGGTGATCTTAGTGGAGGGCAGCAAACGTTGGGAGGCTGGATCCGTTAGTCCG
 AGGATCAGATGGTGCGATCTTTGAACTTGACCTCGAGGAATTAGGCCGGCTGGAGCCCTGGGAGCCCGG
 ACCCTGTCTCTGGTTTCTGAACTTGCTTGAATCCGAAGTCTTGCTGTCCGAGGGGATCATCCAGCTG
 CCCAGAACCGTTCTGTATGTAGGCGGTGCCCTGCACCCCTACCCTCTGGCCTCAGGGGGCTACTTCG
 TCCTTACCCCCCTTCTCAAACCTCTATTTGGGCTGGACTGAGGGAGTTGACGAAGCCAGGGGCAAA
 GAGCCTGATGAGACTGTGCACAGTTTTGCCAGCGCCGCTTGGACCTGAGGTGGCGTCTCTGGCTATGG
 ACAGCCTTTCAGAGGAGTGTGGTGGCAACAGCCAAGAGCTCAGCATCCGGTCTGCTTCCAGTCT
 CTTCCAAGCTGAACAAACCCACGGTCCATGTTACTGGGCTGCTGCTGGGGCAGGGCAGACTCCACAG
 CCCAATTCCTCATTAAATTCGTCAGGCCCGCGCTGAGCGATGGAGTCAGTGGTCACTCCGTGGAGGCTGG
 AGATGTTGCCCCAGGCCCTTCAACTACCTAAACAAGTAAAGGGGTCACTATCCTCAGTGGTCAGCCAGC
 CTGCGGGCTCAGCCTTACGCCAGAAGGGCACTGGAAGGTGTCTTAGGGGACAGCAGTCTGGAGGCTGAC
 CACATTATAAGCACCATTCCAGCTTCAAGTGTCTCAGCAAGCTGCTCCCTGCCGAGGCTGCACCTCTGGCTC
 ACATCCTGAGTACCATCCAAGCTGTGTCTGTGGCCGTGGTGAATCTGCAGTACAAAGGAGCTTGTCTGCC
 TGTGCAGGGATTGGACATCTGGTGCCATCCTCAGAAGACCCGACCGTCTGGGAATCGTGTATGACTCG
 GTTGCTTTTCTGAGCAGGATGGGAACCCCGCCCTCAGACTGACTGTGATGTTGGGAGGTTACTGGT
 TACAGAAGCTGAAAGCCAATGGCCATGAATTGTCTCAGAGCTATTCCAACGAGCAGCAGGAAGCGGC
 TGCCACACAGTTAGGACTGAAAGAGCAACCAAGCCATTGCTTGGTCCATCTACACAAAACTGTATCCCT
 CAGTATACACTAGGCCACTGGCAAAAACTAGACTCAGCTCTGCAATTCCTGACGGCCAGAGGTTGCCCC
 TGACTTTGGCTGGGGCTCCTATGAGGGGTAGCTGTCAATGACTGTATAGAGAGTGGGCGCCAGGCAGC
 AATTGCTGTCCTGGGCACAGAATCGAACAGTGA

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001105968
- 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:**
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: [NM_001105968.1](#), [NP_001099438.1](#)
RefSeq Size: 1793 bp
RefSeq ORF: 1434 bp
Locus ID: 289219
Cytogenetics: 13q24