

Product datasheet for **RN205057**

P4ha2 (NM_001108275) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P4ha2 (NM_001108275) Rat Untagged Clone
Tag:	Tag Free
Symbol:	P4ha2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205057 representing NM_001108275
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGCTCCAGGTGTTGGTGTGCTGATGTCCTGGTTTGGTGTCTGAGCTGGGTGCAGCGGAATTCT
 TCACCTCATTGGGCACATGACCGACCTGATTTATGCAGAGAAGGACCTCGTCCAGTCTCTGAAGGAGTA
 CATCTGGCAGAGGAAGCCAAGCTCTCCAAGATTAAGAGCTGGGCCAGTAAGATGGAGGCCCTGACCCAGC
 AAGTCAGCTGCTGACCCCGAGGGCTACCTGGCCATCCTGTGAACGCCTATAAGCTGGTGAAGCGATTGA
 ACACAGACTGGCCTGCCCTGGGGACCTTGTCTCCAGGACGCGGCTGCAGGTTTTGTGGCTAACCTCTC
 AGTTCAGCGGCAGTTCTTCCCACTGACGAGGACGAGTCTGGAGCTGCCAGGCCCTGATGCGACTTCAG
 GACACCTACAACTGGATCCGGACATGATTTCTAGAGGGGAGCTCCAGGAACAAAGTACCAGGCCATGC
 TGAGTGTGGATGACTGCTTTGGGATGGCCGCTCAGCTTACAACGAAGGAGACTATTACCACACCGTGTT
 GTGGATGGAGCAGGTGCTGAAGCAGCTGGATGCTGGGGAGGAGGCCACTGTTACCAAATCCCTGGTGTG
 GACTACCTGAGCTATGCCGTCTTCCAGCTGGGTGACCTGCACCGTGCGGTGGAACACCCGTCGCCTGC
 TCTCTTTGACCCGAGCCATGAACGAGCCGGAGGGAACCTGCGGTAATTTGAGCGGCTGTTAGAGGAAGA
 AAGAGGAAAATCATTGTGCAATCAGACGGACGCTGGACTAGCATCGCAGGAAAATTTGTACGAGAGGCCCT
 GTAGACTACCTGCCCGAGAGGGAGCTGTATGAGAGCCTGTGTCGAGGGGAGGGCATCAAAATGACACCCC
 GGAGGCAGAAGAGGCTTTTCTGTAGATACCACCATGGAACAGAGTGCCACAGCTCCTCATTGCCCCCTT
 CAAAGAGGAAGACGAGTGGGACAGCCACACATCGTCAGTACTATGATGTGATGTCGGACGAAGAGATC
 GAGAGGATCAAGGAGATTGCTAAGCCCCAACTCGCACGAGCCACTGTGCGTGATCCCAAGACAGGTGCC
 TCACTGTTGCTAGCTACAGAGTTTCCAAAAGCTCCTGGCTAGAGGAAGACGATGACCCTGTTGTGGCCCG
 AGTCAACCGCAGGATGCAGCACATCACAGGGCTGACGGTGAAGACTGCAGAGCTATTGCAGTTCGCAAAC
 TACGGAATGGGGGACAGTACGAACCACACTTTGACTTCTCGAGGAGCGATGAGCGAGATGCTTTCAAGC
 GTTTAGGGACTGGGAACCGTGTGGCCACATTTCTAAACTACATGAGTGTGTTGAAGCTGGTGGCCAC
 TGTCTTCCCGACTTGGGAGCTGCGATTTGGCCCAAGAAGGGCACGGCTGTATTTTGGTATAACCTTCTT
 CGGAGCGGGGAAGGCGATTATCGAACGAGGCACGCGCCCTGCCCTGTGCTTGTGGCTGCAAGTGGGTCT
 CCAATAAGTGGTCCATGAGCGAGGACAGGAGTCTTGAGGCCTGTGGGACAACGGAAGTCGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001108275

Insert Size: 1608 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_001108275.1](#), [NP_001101745.1](#)

RefSeq Size: 2316 bp

RefSeq ORF: 1608 bp

Locus ID: 360526

Cytogenetics: 10q22