

Product datasheet for **MC218684**

P4ha3 (NM_177161) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P4ha3 (NM_177161) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	P4ha3
Synonyms:	D930031A02Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218684 representing NM_177161
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCAGGGCGCGCTGGCTCTGCTGGCGCTGCTGGCGCTCGGGGAGACCCGCGCGGCCACGG
 GCGGGGAGGACAGTTCTCCGCGCTGACCAGCGTGGCGCGGCCCTGGCGCCGAGCGCAGGCTGCTGGG
 GACTGAGGCGCTACCTGCGCGCGAGGAGGCGCGCTGCGCGACTTGACCAGATTCTATGACAAGGTA
 CTTTCTTTCACGAGGACTTGAAGATCCCTGTAGTGAATCCTCTACTTGCCTTCACTCTCATCAAACGTC
 TGCAGTCCGACTGGAGGAATGTGGTACATAGTCTGGAGGCCACTGAGAACATCCGAGCTCTGAAGGATGG
 CTATGAGAAGGTAGAGCAAGACCTTCTGCCTTTGAGGACCTCGAGGGAGCAGCAAGGGCCCTGATGCGG
 CTGAGGATGTGTACATGCTCAACGTGAAGGGCTTGGCTCGAGGCGTCTCCAGAGGGTCACGGGCTCT
 CCATCACCGACCTGTACAGTCCCAGGCAGCTCTTCTCTCTCACAGCGGATGACTGCTTCCAAGTTGGCAA
 GGTGGCCTATGACACAGGGGATTACTACCATGCCATCCCATGGCTGGAGGAAGCTGTCAGTCTTCCGG
 AGAGCCACGCGGAGTGAAGACAGAGGACGAGGCCAGTCTGGAAGACGCCCTGGATTACTTGGCCTTTG
 CCTGTTTCCAGGTAGGAAATGTTTCATGTGCCCTCAGCCTCTCTCGAGAGTTCCTTGTCTACAGCCAGA
 CAATAAGAGGATGGCCAGGAATGTGTTGAAATATGAAAGGCTCTTGGCTGAGAATGGTCACCAGATGGCG
 GCTGAGACTGCAATTCAGAGGCCAACGTACCCACCTGCAGACCAGGGACACCTACGAGGGGCTATGCC
 AGACCTGGGCTCCCAGCCAACACACTACCAAATCCCCAGCCTCTACTGCTCCTATGAGACCAATCCAG
 CCCCTACCTACTGCTCCAGCCTGCCGAAAGGAGGTTGTCCACCTACGGCCGCTCATAGCTCTTACCAT
 GACTTTGTGAGTACGAGGAAGCTCAGAAAATCCGAGAGCTTGCAGAACCGTGGCTCCAGAGATCAGTGG
 TGGCTTCGGGGAAAAGCAGTTGCAAGTGGAGTACCGCATCAGCAAAAGTGCCTGGCTAAAGGACACGGT
 TGATCCAATGCTGGTGACCTTGACCACCGCATTGCGGCCCTCACAGGCCTTGACATCCAGCCTCCCTAC
 GCAGAGTATCTCCAGGTGGTGAATATGGAATCGGAGGGCACTATGAGCCTCACTTTGACCATGCTACGT
 CGCCAGCAGCCCTGTACAGAATGAAGTCTGGGAACCGAGTGGCAACGTTTATGATCTATCTGAGCTC
 CGTAGAAGCTGGAGGAGCCACGGCTTTTATCTATGGCACTTCACTGTGCTGTGGTTAAGAATGCTGCA
 CTGTTTTGGTGGAACTGCACAGGAGCGGAGGGGGATGGTGCACACTTCACTGCTGGCTGTCTGTGC
 TGGTGGGAGACAAGTGGTGGCCAACAAGTGGATCCACGAGTATGGACAGGAATCCGAAGACCCTGCAG
 CACCAACCCTGAAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_177161

Insert Size: 1629 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_177161.4](#), [NP_796135.3](#)

RefSeq Size: 2361 bp

RefSeq ORF: 1629 bp

Locus ID: 320452

Cytogenetics: 7 E2