

Product datasheet for **RN202828**

Pdhx (NM_001044242) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdhx (NM_001044242) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pdhx
Synonyms:	Ac1164
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202828 representing NM_001044242
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACAGTTGAAGAAGGTGCTAAAAATATAAAGCTGGGTTGCTCATTGCTTTGATGGTTGAAGAAGGAG
 AAGACTGGAAACACGTGGAAATCCCAAGGATGTCAGCGCTCCACTCCAGTTCCAAAGCCACCAGCGCC
 TCCTCAGCCCTCTCCACAGACGCAGACTCCTTGCCCTGCCAGGAAGGAGCGCACAGTAGGGACACCACCA
 CGGCTCCGCTTAAGTCCAGCTGCCCGCAACATTCTGAAAAACATTTCATTGGACGCCAGCCAGGGCACAG
 CCACAGGCCCTCGAGGGGTCTTCACTAAAGAGTATGAACTTAGCCCAATAAAGGTACAACAGAGACTGGT
 CCGATGGGCTGTGACCTGTGTGAAATCCTCACAGCAGTGTGTGACTCCAGTACTGGTTAGATTGACGGTG
 GTGCTGGAAGTTTAGGATCTCAGAGTGCAGGTGGCTGGTGTGACAGCCGTTCTGATCAAAGAACAACAG
 CCCGAGCCACTGTGTCTCTGGAGAAGAGCACAGGCTCAGAGCTGGTGTTCAGATTTACGTTAAGACAGA
 GGTAGTGCTCCAGGTGCATGTTGTACAGAAGCACAGTCATGAAGATGCACTCAGGTTAGTCGAGCTGAAA
 CAGATGGCAAGATTGCCGAATTCAGACCAGCCCCAGGTCTCCAAGCACTCTCTCAGCACCTGTGCCTC
 CTCAGCCACAGCTGGGCTGTGCTACCCTCGGCCAATGATCCCACCAGTCTCTATCCCTGGGCAGCCTAA
 TGCAGCGGTACATTCAGTAAATTCCTGCCAGCAATATTCGAAAAGTTATTGCTAAGAGGTTAACTGAA
 TCAAAAAGTACTGTGCCTCACGCCTATGCTACTGCTAACTGTGACCTTGGAGCAGTTTTAAAGGTTAGAC
 GAGATCTGGTCAAAGATGACATTAAGTCTCAGTTAATGACTTTATCATCAGAGCAGCAGCTGTTACTCT
 TAAGCAAATGCCTGGGGTTAATGTCACCTGGGATGGAGAAGGCCCAAAGCATCTGCCCTCTGTTGACATT
 TCAGTGGCTGTGGCAACAGATAAAGGTTAATTACACCAATCATAAAAGATGCAGCTGCTAAGGACATAC
 GGGAGATCGCTGACGCTGTAAGCCACACCTCTTATATTTCTCTGGCCGTGTGCTACTGTTGAGGC
 CCTCCAGTTGAGGATTATCGAACAGTGGTTCGGTAATAGTTATGATATTTATATGTGTGCTGGTAGACAT
 GTTCTTTGGCCCTTGAGCAGCATTAGCAGAAGGTTCACTACTAAAATACGCAAACCTAATTGGGACCATGC
 CGCCTTACAGCAGTGTCTTCTCCCTCTCCAGTATTTCCAAGTGGGCATGTTTGGCATCGATGAGTTCAC
 TGCAGTGATTAACCCGCCTCAGGCCTGTATCTTGGCAGTTGGAAGATTCCGTCCAGTGCTGAAACTCACT
 GAGGATGAAGAGGGGAACCCCAAGTGCAGCAGCACCAGCTTATAACTGTCAGTGTCAAGTGACAGCC
 GAATGGTTGATGATGAAGTACTACCAAGTTTCTTGAAGTTCCTTGAAGTTCCTTGAAGCAAACTTAGAGAACCCCATGCC
 ACTTGCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001044242
- Insert Size:** 1620 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_001044242.1](#), [NP_001037707.1](#)

RefSeq Size: 1666 bp

RefSeq ORF: 1620 bp

Locus ID: 311254

Cytogenetics: 3q32