

Product datasheet for SC212641

PDXP (NM_020315) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PDXP (NM_020315) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PDXP
Synonyms: CIN; dj37E16.5; PLP
ACCN: NM_020315
Insert Size: 1091 bp
Insert Sequence: >SC212641 3'UTR clone of NM_020315
 The sequence shown below is from the reference sequence of NM_020315. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCAGACTTGACAGAGGGGTTGGAGGACTGAGCCACTGCACCTGCAGCCACAGGCCACCCCTCCCCAC
TCCCTGATCCCGTAGGTGGAGGCGATGGGTCACGAGCCATGTTAAGCACAAACCGGCTCCTTGGTCCAGT
TCTGCACCGGGGTGGGGCTGGGACCCGGGAAGGTTTGAGGGCCCTTGCAACCCCTCCCAGCAGTGGC
TGGGCACTCTTTGCTGCCCCAGAAGCTGGTCCCCTATGGATTTCATCTTGGCCTGACCCAGCCAGGTGGC
CTTATTTCTTCCCTGTACCTCCCCTCCTTGAATCTGGGCCCTGGTGCCTGCTGAAGATTCCCTCTAT
CCCTGAGTACTTAGTCTTCTCCCCTTCCCTGGGGCTTCTAGAGCTCTCTGCCCCTCAGGTCCTGGC
CCTTGGGTCCTTGTCAACCAGAGGTCTAGGAACCACAACCCCTTATTGCTCCTGGGTGGACCAATCCAAA
GGCTAAGTGATAGTGACTCATCAATGTTGGGTCCTGTGGGGTACCAGTTTAGGTTCTAAGTAATAGTG
ACCCTTTCACGTCCTGGAGCCCGAGTGGACCAATCGGAAGCCTAAGTGACGATGACCCTCGCATGTCCT
AGGTCCCTGGGTGGACCCATCAGGACCCCAAGTGATAGTGACCCAGTGGTCTTTTAGATCCTCAGTAGA
ACAGTCCAGAAGCCTGAGAGACAGTGGCCCTTGATAATCTGGGTCTCACGGGACCAGCTAGGGGTCCA
GGTTTCAGTCAGTAAATAAGAGTGGTCCACGTCCTAAAGACACCTCTCCTTTACAAGACTTGTGATGC
TCTGGGGCTTCTGTGGCCAAGCCCCACCCTTTCCTGGTTCATGGTACCCGTACAGCGTTGATGGCCACAG
CTCGAAGGGGGCTTTCTGTGCCCTGTGCGGTGAGTGTTCAGTACCACCTCTCTCCCGTGGCCAC
TTGGCTATTTACTATTTATTTATTTGTTGTCAGTGTGGTGGGTGGGGCTGGGCTTCCCCGCCACC
TCCACCCTGTTGTGACCTGTCTTCCGTACTTAATAAAGTGCGCGTGGGAGTGT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_020315.5</u>
Summary:	Pyridoxal 5-prime-phosphate (PLP) is the active form of vitamin B6 that acts as a coenzyme in maintaining biochemical homeostasis. The preferred degradation route from PLP to 4-pyridoxic acid involves the dephosphorylation of PLP by PDXP (Jang et al., 2003 [PubMed 14522954]).[supplied by OMIM, Mar 2008]
Locus ID:	57026
MW:	38.9