

Product datasheet for **SC203153**

PTPD2 (PTPN14) (NM_005401) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PTPD2 (PTPN14) (NM_005401) Human 3' UTR Clone
Symbol:	PTPD2
Synonyms:	CATLPH; PEZ; PTP36; PTPD2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005401
Insert Size:	2000 bp



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Insert Sequence: >SC203153 3'UTR clone of NM_005401
 The sequence shown below is from the reference sequence of NM_005401. 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
CAGTTCCTCCAAAACCTCCAGACTCATTAAATCACCCCAATCCAGCTCCTGGAGGAGGACCCAGCTCCA
TCGCGCTGGAGGAGAGTACCTCCAGACAACATCTGCTCCCCCACAGGGGTGCAGGTGGCTGGCAGCA
AACAGGCTCTCTGAAGACAGTAGCCAAGATTATTCACACATACCATGTATTATTTTATATGAGATAATT
TATTTTTTTCCCTTTTGAATAACTTTTGTGAATTATTATAATGCAGTTTCCCTAGTAATATAGTACTT
TTCATTGAACCACATCTTGACTGATCTGTATTGTAATATATGTCAGCAGGTAAGTTGCCTGCTGGAT
CATTTTGAGGACAGAGGCATGAGGGAGCACATCTTGTGAAGTGCAGCCAGATTTGTAACCAACCCT
GAAATTCATCAGCTTAATTCATTTATCAGCTTGATTTCATTCATTCATTGCTTATATCCAAAGCAAA
GACGGTAAGAAAATGAATTCATCTGAAATATAAAGAAAAGGGTCTGAAGGAACAACACGATTCTCTT
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AGTCTCTCTCCCCACGCCCAACCTCCCCCAAGCTTGAGTTAAAGACAGAATAGCTAAG
ACAGTGCCTTACAATGCAGTAATTGCCATCTTTGGGGCCGAAAGACAAGCTCTGTGTTGTGCTTT
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TGCTCGGGAGGCTGAGGCAGGAGGATCACCTGATTCTAAGAAATTCGAGACTGCAGTGAGCCGTGATCTT
GCCACTGTAGTCCAGGCTGGGCTACGGAGAGACCTGCCTCCAAAAAAAAAAAAAAAAAAGGAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

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: [NM_005401.5](#)

Summary:

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains an N-terminal noncatalytic domain similar to that of band 4.1 superfamily cytoskeleton-associated proteins, which suggested the membrane or cytoskeleton localization of this protein. It appears to regulate lymphatic development in mammals, and a loss of function mutation has been found in a kindred with a lymphedema-choanal atresia. [provided by RefSeq, Sep 2010]

Locus ID:

5784

MW:

75.1