

Product datasheet for **MC210296**

Pithd1 (NM_025411) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pithd1 (NM_025411) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pithd1
Synonyms: 1110049F12Rik; AA408179; Trp26
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC210296 representing NM_025411
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGCACGGCCACAGCCACGGCGGGGGCGGCTGTCGCTGCGCCGCTGAGCGGAGGAGCCGCCGAGC
AGCGCGGCTGGCTACGGGCTGTACCTGCGCATCGACCTGGAGCGACTGCAGTGCCTCAACGAGAGCCG
CGAGGGCAGCGGCCGCGGCTTCAAGCCGTGGGAGGAGCGGACCGACCGCTCCAAGTTTGTGAAAGT
GATGCGGACGAAGAGCTCCTGTTAATATTCGGTTTACGGGCAATGTCAAGCTGAAAGCGTCATCATAA
TGGGCGAGGATGATGACTCGCACCCCTCGGAGATGAGACTGTACAAGAACATTCCACAGATGTCATTGA
TGACACAGAAAGGAGCCAGAGCAGACCTTCAGTCTGAACCGAGACATTACAGGAGAATTAGAATATGCT
ACGAAAATCTCCAGGTTTTCAAATGTCTATCATCTTCCATTTCATATTTCAAAAACTTTGGAGCAGATA
CGACGAAGATCTTTTATATTGGCCTGCGGGGAGAGTGGACTGAGCTTCGCCGGCATGAGGTGACCATCTG
CAACTATGAAGCGTCAGCCAACCCAGCAGACCACCGGGTGCATCAGGTACCCCGCAGACACACTTCATT
TCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_025411
Insert Size: 636 bp



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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:	<ol style="list-style-type: none">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:	<u>NM_025411.4</u> , <u>NP_079687.3</u>
RefSeq Size:	1554 bp
RefSeq ORF:	636 bp
Locus ID:	66193
UniProt ID:	<u>Q8BWR2</u>
Cytogenetics:	4 D3
Gene Summary:	Promotes megakaryocyte differentiation by up-regulating RUNX1 expression (PubMed:25134913). Regulates RUNX1 expression by activating the proximal promoter of the RUNX1 gene and by enhancing the translation activity of an internal ribosome entry site (IRES) element in the RUNX1 gene (By similarity).[UniProtKB/Swiss-Prot Function]