

Product datasheet for **MC210993**

Pin4 (NM_027181) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pin4 (NM_027181) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pin4
Synonyms: 2410002I22Rik; EPVH; Par14
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210993 representing NM_027181
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCCGCAAGGGGAAAAGTGGTCTGGAAAAGGAGGGAAAGGAGGTGCAGCCTCTGGGAGTGACAGTG
CTGACAAGAAGTCTCAGGGTCTAAAGGTGGCAATGCAGTAAAGGTCAGACACATTCTGTGTAAAA
ACATGGGAAAATCATGGAAGCCATGGAAAAGTTAAAGTCTGGGATGAGATTCAGTGAAGTGCCACACAA
TATAGTGAAGATAAAGCCAGACAAGGGGTGACTTGGGTGGATGACCAGAGGATCCATGGTGGGGCCAT
TTCAAGAAGCAGCGTTTGCCTTGCTGTAAGTGGGATGGATAAGCCTGTGTTTACAGACCCACAGTTAA
GACAAAATTTGGATATCATATTATTATGGTTGAAGGGAGAAAATAA****

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027181
Insert Size: 396 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_027181.1](#), [NP_081457.1](#)

RefSeq Size: 478 bp

RefSeq ORF: 396 bp

Locus ID: 69713

UniProt ID: [Q9CWW6](#)

Cytogenetics: X D

Gene Summary: Involved as a ribosomal RNA processing factor in ribosome biogenesis. Binds to tightly bent AT-rich stretches of double-stranded DNA (By similarity).[UniProtKB/Swiss-Prot Function]