

Product datasheet for **RN206223**

Pof1b (NM_001106934) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pof1b (NM_001106934) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pof1b
Synonyms:	RGD1560798
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206223 representing NM_001106934
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGATGAGCTCAAGTTATTGGAGTGAGACCAGCAGCAGCTTGTGGACCCAGCAGCCACGGAGGTCC
 TGCAGTGCCAGCCTCAGCATTACCACTGCTACCATCAGTCAAGTCAAGCCAGCAGCCTCCAGAAAAA
 TGAGTGATGAGCGAGTGAGGACCTACAGTGGCCTATGAACAAGGTGGTGCAGGCCTTGACCCCTC
 GGCTCACGGGAAGTGCTCTCCCTCTCAAACAGCCTCCTCTACCAAAATTTGGTTGGAGCGACCATT
 CTCAGGAGCTCCATTCTCAACTCTGAAATATCTACTTGTGCACCAAGCACTCTCCATATAACAAAA
 TGCTGAACAGGAAGTCCATTCTCAACAGTGAAGTTACTACATATCCACAAACCACATTAGAAGATAC
 ATAGTACAAAATCCTGACCAGGAACATTGTCCCTTTCTAAGAGGAGGTCAATTTCCAGGAAACA
 ATGTCATTTATGAAAAACAATAAGAAAGTGGAGAACTAAACACAGATCAGGAATGCTGCTCAAT
 TCAGTGCCATCATCATGTCATCCAGCAACCCAGATCATCCACTACCACATTGTCAGCAGTCCCATTCT
 AGCCATCAGATCCAATGTATAACAGAAAATGATTCAAATGTTGGGCATGAACTCTGTCATGGTGGCCAA
 GCCAAATACATGAACAGTTGATAATTGAGGATGATGGCCCTGAAAAATTGGATCCCAATATTTGGAGA
 GTTGCTTGCTGACCTGAGCCGCAAGAATACAGACCTATATCACTGCTTGTAGAACATTTGGAGAGAATT
 GGAGGAAGCAACAAGATTTTGAGACTGCAGATACATCAGAAGACATTGAGTCATTGATTCCTCAAGGAC
 TGTCAGAGTTTACAAAACAGCAAATTCGTTATATTCTGCAGATGAGGGGTATGTCTGACAAGTCCCTGCG
 ACTAGTGCTCTCCACATTGAGCAACATACGGGAGGAACCTGGACATCTTCAAAATGATTTGACATCACTG
 GAAATGACAAGATAAGACTTGAAAAGGACTTGGCATTCAAGGAAATCAAATAAAGAGTATGAAGAAC
 TCTTGGCATCAGTGAGAGCAAATAATCGCCAACAGCAACAAGGACTTCAAGACTCAAGCTCAAAATGTCA
 GACATTGGAAGAAAAATAACCTTTCTCTTCGACATACACTGTCGGACATGGAATACAGACTAAAAGAACTT
 GAATATTGTAAACGTAATTTAGAACAGAGAATAAAAACTTAGAATACAGGTGTCTGAGACTTGCACGG
 GCTCGATGCTACAGGTAATTTGAGATGAGATTGGCAACCATTATATGGAGATGGTCAAAAACCTTGAGACT
 TGAGAAAGATAGAGAAATCAGCAAGCTAAGGTCTCAATTAACCAGTACCAAAAAGATGTTTCAAAAAGA
 GAAGGAAGTTGTAGTGATTTCAATTCAAACCTCATGAATTGACAAGTTTGTGGAAGAGAAGGATTCTC
 TTATAAAGCGTCAATCAGAGGAACCTCAAAGTTGAGACAAGAAATATATTCATCCCATACCAACCCTC
 TGGGGGTGAAGGACTACAATCACCACAAAAAAGTACAGAACACAGTATCCAATCCTAGGTCTCCTGTAC
 GATGACTATGAATATATACCACCAGGTAGTGATACACAACTATTGTGATCGAGAAAACAGAAGACAAAT
 GGAATTGTCC**TA**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106934

Insert Size: 1764 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_001106934.1, NP_001100404.1

RefSeq Size: 3877 bp

RefSeq ORF: 1764 bp

Locus ID: 302328

Cytogenetics: Xq31