

Product datasheet for **RN216870**

Patz1 (NM_001277214) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Patz1 (NM_001277214) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Patz1
Synonyms:	Zfp278; Znf278
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216870 representing NM_001277214
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCGGGTCAACGACGCTTCTTGGCGTCCGTCGGGCTGCTACACCTACCAGGTGAGCAGACACAGTA
 CGGAGATGCTGCACAACCTGAACCAACAACGCAAAAACGCGGGCGCTTTTTCGACGTGCTCCTACGGGT
 AGGCGATGAGAGCTTCCAGCGCACCGCGCTGACTGGCTGCCTGCAGCGAGTACTTTGAGTCTGTGTTT
 AGCGCCAGTTAGGCGACGGCGGAGCTGCAGACGGTGGTCTGCTGATGTGGGAGCGCGGCGGGCTC
 CAGGCGCGGGGCTGGAGGCAGCCGGAAGTGGAGATGCACACCATCAGTTCCAAAGTGTTCGGAGACAT
 CCTGGACTTCGTTACACGTCCGAATCGTTGTGCGCCTAGAGAGCTTCCCCGAGCTCATGACGGCCGCC
 AAGTTCCTGCTGATGAGGTGGTATCGAGATCTGCCAGGAAGTAAACAAACAGTCCAACGTGCAGATCC
 TGGTGGCCCTGCCGGGCTGATATCATGCTCTTTCGCCCTCCTGGGACTTCTGACTTGGCTTCCCTTT
 GGACATGACCAACGGGGCAGCCATGGCAGCCAACAGTAATGGTATTGCTGGCAGTATGCAGCCCGAGGAA
 GAGGCTGCCAGGGCCACAGGTGCTGCTATTGCGGGCCAAGCTTCCTGCCTGTGTACCTGGGGTGGACA
 GATTGCCCATGGTGGCTGGACCTCTATCCCCCAACTACTGACTTCTCCATTCCCCAATGTGGCATCCAG
 TGCACCTCCTCTGACTGGCAAGCGAGGCCGGGGACGCCCCAGGAAGGCCAACCTGCTGGACTCCATGTTT
 GGGTCTCCAGGGGCTTGGAGGAAGCAGGCATCCTTCCATGTGGCCTGTGCGGTAAGGTGTTCACTGACG
 CCAACCGGCTCCGGCAACATGAGGCCAGCAGCGGCTCACAAGCCTCCAGTTGGGCTATATCGATCTTCC
 TCCTCCAAGGCTGGGTGAGAATGGGTACCCATCTCCGAGGACCCGACGGCCCCAGAAAAGGAGCCGG
 ACCAGGAAGCAGGTGGCTTGTGAGATCTGTGGCAAGATCTTTCGTGACGTATACCATCTCAACCGGATA
 AGCTGTCCCACTCTGGGAGAAGCCGTAAGTCTGCGCCGTTGTGGTCTGCGGTTCAAGAGAAAAGACCG
 CATGTGCGTACCATGTGAGGTCCCATGATGGGTGAGTGGGCAACCGTACATCTGCCAGAGCTGTGGGAAA
 GGCTTCTCCAGGCCAGATCACTTGAATGGACATATCAAGCAGGTGCACACGTCTGAGCGCCCTCACAAAT
 GTCAGACCTGCAATGCCTCCTTTGCCACTCGAGACCGCCTGCGCTCCACCTGGCCTGCCATGAAGACAA
 GGTGCCCTGCCAGGTGTGCGGAAAGTACTTGGGGCAGCGTACATGGCTGACCACCTGAAGAAGCACAGC
 GAGGGGCCAGCAACTTCTGCAGTATCTGTAACCGAGGTCTCCAGGCACCAGGAACCCATCTGAATGGG
 GGAGCAGCGTTCCACTGCGCCAGGACCTATGGCAACAAAGAAGGCCAGAAATGCTCACATCAGGATCTGA
 TTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001277214
- Insert Size:** 1614 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001277214.1](#), [NP_001264143.1](#)

RefSeq Size: 2993 bp

RefSeq ORF: 1614 bp

Locus ID: 305471

Cytogenetics: 14q21