

## Product datasheet for **RN216871**

### **Patz1 (NM\_001277215) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Patz1 (NM_001277215) 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:** >RN216871 representing NM\_001277215  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGCGGGTCAACGACGCTTCTTGGCGTCCGTCGGGCTGCTACACCTACCAGGTGAGCAGACACAGTA  
 CGGAGATGCTGCACAACCTGAACCAACAACGCAAAAACGCGGGCGCTTTTGCAGCTGCTCCTACGGGT  
 AGGCGATGAGAGCTTCCAGCGCACCGCTGTACTGGCTGCCTGCAGCGAGTACTTTGAGTCTGTGTTT  
 AGCGCCAGTTAGGCGACGGCGGAGCTGCAGACGGTGGTCTGCTGATGTGGGAGCGCGGGCGGCTC  
 CAGGCGCGGGGCTGGAGGCAGCCGGAAGTGGAGATGCACACCATCAGTTCCAAAGTGTTCGGAGACAT  
 CCTGGACTTCGTTACACGTCGCCAATCGTTGTGCGCCTAGAGAGCTTCCCCGAGCTCATGACGGCCGCC  
 AAGTTCCTGCTGATGAGGTGGTTCATCGAGATCTGCCAGGAAGTAAACAAACAGTCCAACGTGCAGATCC  
 TGGTCCCCCTGCCGGGCTGATATCATGCTCTTTCGCCCTCCTGGGACTTCTGACTTGGCTTCCCTTT  
 GGACATGACCAACGGGGCAGCCATGGCAGCCAACAGTAATGGTATTGCTGGCAGTATGCAGCCCGAGGAA  
 GAGGCTGCCAGGGCCACAGGTGCTGCTATTGCGGGCCAAGCTTCCTGCCTGTGTACCTGGGGTGGACA  
 GATTGCCCATGGTGGCTGGACCTCTATCCCCCAACTACTGACTTCTCCATTCCCCAATGTGGCATCCAG  
 TGCACCTCCTCTGACTGGCAAGCGAGGCCGGGGACGCCCCAGGAAGGCCAACCTGCTGGACTCCATGTTT  
 GGGTCTCCAGGGGCTTGGAGGAAGCAGGCATCCTTCCATGTGGCCTGTGCGGTAAGGTGTTCACTGACG  
 CCAACCGGCTCCGGCAACATGAGGCCAGCAGCGGCTCACAAGCCTCCAGTTGGGCTATATCGATCTTCC  
 TCCTCCAAGGCTGGGTGAGAATGGGTACCCATCTCCGAGGACCCGACGGCCCCAGAAAAGGAGCCGG  
 ACCAGGAAGCAGGTGGCTTGTGAGATCTGTGGCAAGATCTTTCGTGACGTATACCATCTCAACCGGATA  
 AGCTGTCCCACTCTGGGAGAAGCCGTAAGTCTGCGCGGTGTGTGGTCTGCGGTTCAAGAGAAAAGACCG  
 CATGTGCGTACCATGTGAGGTCCCATGATGGGTGAGTGGGCAACCGTACATCTGCCAGAGCTGTGGGAAA  
 GGCTTCTCCAGGCCAGATCACTTGAATGGACATATCAAGCAGGTGCACACGTCTGAGCGCCCTCACAAAT  
 GTCAGGTGTGGTGGGAGCAGCAGCGGCTGCCGCCCTGGAACCTCTTCTAGCGACCTGCCATCATG  
 GGACTTTGCCAGCCTGCTTGTGGAGGTGTCCTTTCAGTTTCTGATACCGCTTTTCCCTCTCTCTA  
 AAAAGTCTTCCAGCCCTGAAAACCTGAGTCCAGCACACTCCAGCAATACGCTCTTCTGCTCAGCTC  
 CACCAGGATACCTGAGACAGGGTTGGACAACCCCTGAGGGCAGCCGGGCTTTTACTCAGTGGCCTGTGG  
 CTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001277215
- 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\\_001277215.1](#), [NP\\_001264144.1](#)

**RefSeq Size:** 2285 bp

**RefSeq ORF:** 1614 bp

**Locus ID:** 305471

**Cytogenetics:** 14q21