

## Product datasheet for **MC219992**

### **Patz1 (NM\_019574) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Patz1 (NM_019574) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Patz1
Synonyms:	8430401L15Rik; AI447519; Mazr; Patz; Zfp278
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219992 representing NM\_019574  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGCGGGTCAACGACGCTTCTTGGCGTCCGTCGGGCTGCTACACCTACCAGGTGAGCAGACACAGTA  
 CGGAGATGCTGCACAACCTGAACCAACAACGCAAAAACGGCGGGCGCTTTTTCGACGTGCTCCTACGAGT  
 AGGCGACGAGAGCTTCCAGCGCACCGCCGCTACTGGCTGCCTGCAGCGAGTACTTTGAGTCTGTGTTT  
 AGCGCCAGTTAGGCGACGGCGGAGCTGCAGATGGTGGTCTGCTGATGTGGGAGCGCGCGGGCGGCTC  
 CAGGGCGGAGCTGGAGGCAGCCGGAAGTGGAGATGCACACCATCAGTTCCAAAGTGTTCGGAGACAT  
 CCTGGACTTCGCTTATACGTCCGAATCGTTGTGCGCCTAGAGAGCTTCCCCGAGCTCATGACGGCCGCC  
 AAGTTCCTGCTGATGAGGTGGTTCATCGAGATCTGCCAGGAAGTAAACAAACAGTCCAACGTGCAGATCC  
 TCGTGGCCCTGCCGGGCTGATATCATGCTCTTTCGCCACCTGGGACTTCTGACTTGGGCTTCCCTTT  
 GGACATGACCAACGGGGCAGCCATGGCAGCCAACAGTAACGGTATTGCTGGCAGTATGCAGCCCGAGGAG  
 GAGGCTGCCAGGGCCACAGGTGCTGCTATTGCGGGCCAAGCTTCTCTGCCTGTGTTACCCGGGGTGGACA  
 GATTGCCCATGGTGGCTGGACCCCTATCCCCCAACTACTGACTTCTCCGTTCCCTAATGTGGCATCCAG  
 TGCACCTCCAATAACTAGCAAGCGAGGCCGGGGACGCCCCAGGAAGGCCAACCTGCTGGACTCCATGTTT  
 GGGTCTCCAGGGGGCTTGGGGAAGCAGGCATCCTTCCATGTGGCCTGTGCGGGAAGGTGTTCACTGACG  
 CCAACCGGCTCCGGCAACATGAGGCCAGCAGCGGCTCACAAGCCTCCAGTTGGGCTATATCGATCTTCC  
 TCCTCCAAGGCTGGGTGAGAATGGGTACCCATCTCCGAGGACCCGATGGCCCCAGAAAAGGAGCCGG  
 ACCAGGAAGCAAGTGGCTTGAGATCTGTGGCAAGATCTTTCGTGACGTATACCATCTCAACCGGCATA  
 AGCTTTCCCACTCGGGGAGAAGCCGTAAGTCTGCGCCGTTGTGGTCTGCGGTTCAAGAGAAAAGACCG  
 AATGTCTGACCATGTGAGGTCCCATGATGGTTCAGTGGGCAACCGTACATCTGCCAGAGCTGTGGGAAA  
 GTTTTCTCCAGGCCAGATCACTTGAATGGACATATCAAGCAGGTGCACACTTCTGAGCGACCTCACAAAGT  
 GTCAGACCTGCAATGCCTCCTTTGCGACTCGAGACCGCCTGCGCTCCACCTGGCCTGTCATGAAGACAA  
 GGTGCCCTGCCAGGTGTGTGGAAAGTACTTGGGGCCGCATACATGGCAGACCACCTGAAGAAGCACAGT  
 GAGGGGCCAGCAACTTCTGTAGCATCTGTAACCGAGAAGGCCAGAAATGCTCACATCAGGATCTGATTG  
 AGAGCTCCGACTCCTACGGTACCTCTCCGACGCCAGCGACTGAAGACGCCAGAGAAACAGAGTGCCAA  
 CGGCTCCTTCTCCTGCGACGTGGCAGTCCCTAAAAACAAAATGGAGTCTGACGGGAGAAGAAGTACCCA  
 TGCCCTGAATGTGGGAGCTTCTTCGGTTCTAAGTCTACTTGAACAAACACATCCAGAAGGTGCATGTCC  
 GTGCCCTTGGGGTCCCTTGGGGACCTGGGCCCTGCCCTTGGTTACCTTTCTCTCCCCAGCAGAACAT  
 GTCTCTTCTTGTAGTCTTTGGATTTAGATTGTTTCAGTCAGCGTTTGCATCATCTTTAGTGGATCCTGAG  
 GTGGACCAGCAGCCATGGGGCCTGAAGGGAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_019574

**Insert Size:** 1926 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\\_019574.3](#), [NP\\_062520.1](#)

**RefSeq Size:** 3100 bp

**RefSeq ORF:** 1926 bp

**Locus ID:** 56218

**Cytogenetics:** 11 A1