

Product datasheet for **MC228218**

Patz1 (NM_001253690) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Patz1 (NM_001253690) 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: >MC228218 representing NM_001253690
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCGGGTCAACGACGCTTCTTGGCGTCCGTCGGGCTGCTACACCTACCAGGTGAGCAGACACAGTA
 CGGAGATGCTGCACAACCTGAACCAACAACGCAAAAACGGCGGGCGCTTTTGGCAGCTGCTCCTACGAGT
 AGGCGACGAGAGCTTCCAGCGCACCGCCGCTACTGGCTGCCTGCAGCGAGTACTTTGAGTCTGTGTTT
 AGCGCCAGTTAGGCGACGGCGGAGCTGCAGATGGTGGTCTGCTGATGTGGGAGGCGCGGCGGGCTC
 CAGGCGGCGGAGCTGGAGGCAGCCGGAAGTGGAGATGCACACCATCAGTTCCAAAGTGTTCGGAGACAT
 CCTGGACTTCGCTTATACGTCCCGAATCGTTGTGCGCCTAGAGAGCTTCCCCGAGCTCATGACGGCCGCC
 AAGTTCCTGCTGATGAGGTGGTTCATCGAGATCTGCCAGGAAGTAAACAAACAGTCCAACGTGCAGATCC
 TCGTGGCCCTGCCGGGCTGATATCATGCTCTTTCGCCACCTGGGACTTCTGACTTGGCTTCCCTTT
 GGACATGACCAACGGGGCAGCCATGGCAGCCAACAGTAACGGTATTGCTGGCAGTATGCAGCCCGAGGAG
 GAGGCTGCCAGGGCCACAGGTGCTGCTATTGCGGGCCAAGCTTCTCTGCCTGTGTTACCCGGGGTGGACA
 GATTGCCCATGGTGGCTGGACCCCTATCCCCCAACTACTGACTTCTCCGTTCCCTAATGTGGCATCCAG
 TGCACCTCACTAACTAGCAAGCGAGGCCGGGGACGCCCCAGGAAGGCCAACCTGCTGGACTCCATGTTT
 GGGTCTCCAGGGGGCTTGGAGGAAGCAGGCATCCTTCCATGTGGCCTGTGCGGGAAGGTGTTCACTGACG
 CCAACCGGCTCCGGCAACATGAGGCCAGCACGGCGTCACAAGCCTCCAGTTGGGCTATATCGATCTTCC
 TCCTCCAAGGCTGGGTGAGAATGGGTACCCATCTCCGAGGACCCGATGGCCCCAGAAAAGGAGCCGG
 ACCAGGAAGCAAGTGGCTTGTGAGATCTGTGGCAAGATCTTTCGTGACGTATACCATCTCAACCGGCATA
 AGCTTTCCTCACTCGGGGAGAAGCCGTAAGTCTGCGCCGGTGTGTGGTCTGCGGTTCAAGAGAAAAGACCG
 AATGTCGTACCATGTGAGGTCCCATGATGGTCAAGTGGGCAACCGTACATCTGCCAGAGCTGTGGGAAA
 GGTTTCTCCAGGCCAGATCACTTGAATGGACATATCAAGCAGGTGCACACTTCTGAGCGACCTCACAAAT
 GTCAGACCTGCAATGCCTCCTTTGCGACTCGAGACCGCCTGCGCTCCACCTGGCCTGTCATGAAGACAA
 GGTGCCCTGCCAGGTGTGTGGAAAGTACTTGGGGCCGCATACATGGCAGACCACCTGAAGAAGCACAGT
 GAGGGGCCAGCAACTTCTGTAGCATCTGTAACCGAGGTCTCCAGGCACCAGGAACCCATCTGAATGGG
 GGAGCAGCGTTCCTACTGCGCCAGGACCTATGGCAACAAAGAAGGCCAGAAATGCTCACATCAGGATCTGA
 TTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001253690

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_001253690.1](#), [NP_001240619.1](#)

RefSeq Size: 3191 bp

RefSeq ORF: 1614 bp

Locus ID: 56218

Cytogenetics: 11 A1