

Product datasheet for **SC326053**

PATL2 (NM_001145112) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PATL2 (NM_001145112) Human Untagged Clone
Tag:	Tag Free
Symbol:	PATL2
Synonyms:	hPat1a; OOMD4; Pat1a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC326053 representing NM_001145112.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGAATTGCCTTGAAGGGCCAGGTAAGACCTGTGGCCCTTGGCTTCTGAGGAGGAGCTGGTGTCTGCC
TGCCAGTTGGAAAAAGAAGAAGAATGAAGGGGAGGAGGAAGAGGAGGAGACGAGGAGGATCTG
GACCCAGATCTGGACCCAGACCTAGAGGAGGAAGAGAATGATCTTGGGGATCCAGCTGTACTTGGTGCT
GTCCACAACACCCAGAGAGCTCTGCTTAGCTCCCTGGAGTCAAGGCCCTGGTATGCTGGGAATGTCA
CTTGCCCTCCTTGCAATTTCTGTGGCAGACCTTGGACTACCTGTGCCCCATCCCTTTCTGGCCTACATTT
CCCAGCACAGCTCTCCAGCACAGCACTTTGGACCTCGGCTGCCCTCACCAGACCAACTCTCTTCTGC
AGCCTGCTGACCTCGTGGCCCCCTAGGTTCACTCATCTGACCCAGCTCCACCTCGGCACCAACGAATC
TTGCAGCAGCAGCAGCATAGTCAAACACCAAGTCCCCAGCCAAGAAGCCTTGGTCTCAGCAGCCAGAC
CCCTATGCTAACCTCATGACCAGAAAAGAGAAGGACTGGGTGATAAAAGTGCAGATGGTGCAGCTGCAG
AGTGCAAAACCCCGCCTGGATGACTACTATTACCAGGAATATTACCAGAAGCTAGAGAAGAAGCAGGCA
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GCAGAGGCTTATGAGTCCGTGGTCCGAATCGAGGGTTCCTGGGCCAGGTAGCTGTGTGACATGCTTC
AGCCCTCGCCGAGCTATTGATGCGGTACCCATGGAATCAAGAGCAGGATATAGAAGCTGCAAGCAGT
CAGAGGCTTCGGGTATTATACCGGATTGAGAAGATGTTCTTCAGTTACTAGAAATAGAGGAAGGCTGG
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TTAAAGACCCAGGAGCAGAACACCTGGAAGAGGCAGCAGATGGCTTCTGCAGGTGCTCTCTGTGAGG
AAGGGGAAGGCCCTGGTGGCCCCGCTGCTCCCTTCTGCCCCAGGATCAGGCTGTTACCATTTCTTTG
GCTATCACCCACCATCTGCCCTCCTGGTCCGGAGGGATGTGGCTGATCAGGCCCTACAAATGTTATTC
AAACCTCTGGGCAAATGTATTAGTCACTTGACCTCCACGAACCTCTCAAGGACTTCAGGGAATTAACG
CTGTTGCCACCTGGCTCCTCAGAGCGGCCAGTACCGTGGTGTTCAGAATCAGTTTGAATATCTTTG
CTCTATGCCCTGCTGAGCCATGGGAGCAACTGGTATCGTGCATTCTTCCCTAGAGGAACCCAACAGT
GACCATACAGCTTGGACAGACATGGTGGTTCTGATTGCCTGGGAGATAGCCCAAATGCCTACAGCCTCT
CTGGCAGAACCCCTAGCTTTCCCAGCAACCTACTTCCCTGTTCTGTACCACGTGGACAAACAATTG
GTTTCAGCAGCTGGAGGCCAGGATGGAGTTTGCCTGGATTACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001145112

Insert Size: 1632 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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_001145112.1</u>
RefSeq Size:	1967 bp
RefSeq ORF:	1632 bp
Locus ID:	197135
UniProt ID:	<u>C9JE40</u>
Cytogenetics:	15q21.1
MW:	61.5 kDa
Gene Summary:	RNA-binding protein that acts as a translational repressor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).