

Product datasheet for MC224151

PapIn (NM_130887) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: PapIn

Synonyms: E030033C16Rik

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC224151 representing NM_130887
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGCTGTTCCCTCTCCTGTTCTCGCTGCTGCTGACCTCCACTCCAGGGTCTTGGGCTCGAAATGTGA
GGCGCCAGAGTGACACCTGGGGCACCTGGGGCGAATGGAGCCCTGCAGCAGGACCTGTGGAGGAGGCAT
CAGCTTCGGGAGCGCCCTGCTACTCCCAGAGAGAGACGGAGGCCAGCTGCGTGGGCCCGCGCGC
AGCCACCGCACCTGCCACAGGAGAGCTGCCAGACGGCGTGCGGGAATTCGGGCCGAGCAGTGTGCAG
AGTTTCGACGGCACCAGCTTCCAGGGTCGGCGCTACCGGTGGCTGCCCTACTACGACGCCCTAATAAGTG
TGAGCTGAAGTGCATTCCCAAGGGGAGAACTTCTACTACAAACACAAGGACGCGGTGGTGGATGGGACA
CCCTGTGAGCCTGGCCAGCGGGACATCTGTGTGGACGGAGTCTGCCGAGTGGTGGCTGTGATCACAAAGC
TAGACTCAATCAAGCAGGAGGACAAGTGTCTGCAGTGTGGGGTGTGGCTCATCTGCTACCCGGTCAC
AGGAACCTTTGATGGCAATGATCTCAGCAGAGGCTACAACCAATCTTCATATTCCGGCTGGGGCCACT
AGTATTCGCAATTGAGGAAGCCGCTGCCAGCAGGAATTTCTGGCCGTGAAGAGCATCCGTGGCGAGTACT
ATCTCAATGGGCACTGGACATTGAGGCAGCCAGGCTCTTCCGGTGGCCAGCAGTCTACAGTACGA
ACGGGGTGTGGAGGGGACCTGGCTCCTGAGCGGCTCCAGGCAGGGGCCACCTCAGAGCCCTGGTC
ATCGAGCTCCTCAGTCAGGAGTCCAAACCCGGAGTACACTACGAGTACTACCTGCCCGCAATGATCCTG
GCCGAGGCTTCAGCTGGAGCCATGGCTCCTGGGAGAGTGCAGCGCTGAGTGTGGTGGAGGTACCAGTCT
CCGCTGGTATTCTGCACTATTGACAACGAGGCCTATCCAGACCACATGTGCCAACACCAGCCTCGGCC
ACCCACCGACGTTTCATGAACACTCAACCTTGTCGAAGACCAAGCGCTGGAAGGTAGGCCCATGGACGC
CCTGCTCGGTCTCCTGCGGGGTGGAGTCCAGTCTCGCTCTGTCTACTGCATATCCTCAGATGGGACTGG
TGGCCAGGAAGCTGCTGAGGAGACCCAGTGTGCTGGCCTAGTTGGGAAACCCCTACCAACAGGCTTGC
AACCTGCAGCACTGTGCAGTCTGGAGCGTGGAGCCCTGGGAGAGTGTCTCAGTTACATGCGGGACTGGCA
TCAGGAAGAGGAGTGTACCTGCCGAGGGGACGAGGGGTCTCCGGTCCATGCTGCAGCGTGTGTTGAA
GGACCAGCCAACCTCAGGAGCCCTGTGTACAAGAGGCCTGCCCTGTGTTCCGTGGCCAGGCTGGCAT
GTTGGCTCATGGAGTCTATGCTCTAAAAGCTGTGGTTCGGCATTCCGAGAAGGCAGGTTGTTGTACCA



TCGGGCCCGCTGGTCTGTGTGGACCTGCAGTCGTCCAAGCCTGCCGAGATGGAAGCCTGCAACAGACA
GCCCTGCCATCTTCTCAGGAGGTCCCTAGTATACAGGACCAAGGACCCGCTCCTCAGACCCAGGATG
CTTTCAGGCCCTCGAGTGTCCCCAGTCTCAGATGGAAGAGAGCAGCAGTGGGCTCCCTCGAGAGACCA
GGGCTCAGAGCAACCCAGAGAGGGTCAAGACCCCAACCTGTCTATGTCAGGCCGGGCCCAACTCTGCA
GCGTCTCCACACCAGCCACCCCTAGGCTAGCTCAGGGCCCCGTGACTGCAGACACAGCCCCATGGG
TGCTGCCCTGATGGCCACACACCATCTCTGGGCTCAGTGGCAAGGCTGTCCCTGGCTGGGCTCAT
GTCTTCAGAGCAGGTACGGATGCTGCCCGACGGGTGTCTGCAGCTGAGGGGCCCAACAGGCTGGTTG
TACCAGGTCTCACGGCAGTGACAATACGGGAAACAGGCCAGGGTCCAGGGCAGTAGCTTCCAAGAACCC
AAGATCCACCAACCCAGGCCATGAAGGCGAGCCAGTGAAGTGTGCAAGCTCTAGGTTTGGATGTTGCT
ATGACAATGTGGCTTCTGCAGCGGGTCCGCTGGGGGAAGGCTGTGTGGGCCAGCCAGCTATGCTTACCC
AGTGGCGTGTCTGCTGCCAGTGTCAAGGGTGTGTGGAGACTGGGCCGCCGTTGGTACTTTGTGGCA
TCGGTGGGCCGGTGAACCGCTTTTGGTATGGCGGCTGTATGGCAACGCCAATAACTTTGCATCGGAGC
AGGAGTGCATGAACACCTGCCGGGACAGCATGGGCCCGCGTCTGAGGCAGGAGCCGCTGGGCATCG
TGCCCATGTGGATGGTGGTCAACGTGGTCTGGAGGCCAGCAGGAACCTGACTGGCACAGGGCAGGAGCC
ACAATCCGAGACTGCCCTCCCTTCTGGAAGCCCTTGGCGGAGAGAACAAGAGCCTGCGCCAGGGGAGC
CACCCACATCCAGCCTATGGAACCGGCTGGAGGCCAGGAAATCCGGCCAGAGTTCTTGACTGGA
CAGAGAGGCTAGGCCAGCAGTCCCGCTACACATAGCCCTCTACAGGATCCGATTGGCAGGCTCGGAA
CCCTCCCTGGTACAGGCAGTCCAGGGCAGGCGGTACAACCTTTTGCCTGGCAACATCCCTCGGAAT
TCCAGGCAGGGTGGCAGAAAGAGGGCCGCCCATCTCTCTAACAGGTACCAGTCCAGGCAGATGGCTC
CCTCATCATCAGCCGCTTGAGGCCGAGGATGCTGGCATCTATAGCTGTGGCAGCCACAGGCCAGGCCAT
GAGCCCCAGGAGATACAGCTTCGAGTCACAGGGGTGACATGGCAGTGTTCCTGAGGGCCAGCCGAGGC
ATTTCCCTGAGCCAGGAACCCAGACCTTGGCCATGGTCTCCGCACCGTGAACAGGAGCAGAAGCGGG
GGGCCACAGGGTCTCTCTCCCTCACACCCAGGCTGCCACAGGTTACGTCTGGACCGGACTCAGCCT
GGAGTGGTAGATGCCAGTCTTGCCAGCGGATCCGGCTGACCTGCCGTGCTGAAGGCTTCCCGGTCCCTA
CCATCGAGTGGCAAAGAGATGGGCAGCTGGTCTCTTCTCCAGGCACAGGTGCAGCCTGATGGCTCTCT
GGTCATCAGCCGAGTGGATGTGGAAGATGGGGCTACTACAGCTGTGTTGCTTTTATGGGCAGGACCGA
GACCAGCGTGGGTCCAGCTCAGAGTCTCAGGGAGCTGACAATCACAGGCCTGCCTCCTGCTGTGACCG
TGGCAGAGGGTGACACTGCCAGGCTTCTGTGTGGTGGCTGGAGAAAGTGTGAACATCCGGTGGTCCAG
GAATGGCCTGCCAATACAGGCCGACGGTCAACCGTGTGCACAGTCCCGAGATGGCACACTGTTGATCCAC
AACTTGGCGCCAGGGACGAGGGCTCTTACACATGCAGTGCCTTCCGTGGGAGCCAGGCTGTGAGTCGCA
GCACCGAGGTGAAGGTGGCCCTCCAGCGCCAGCCGACAGTCCAGGGACCTAGGCAAGGACTGCATCGA
CCAGCCGAGCTGGCCAACTGTGCGTTGATCCTGCAGGCCAGCTCTGTGGCAATGAATATTACTCCAGC
TTCTGCTGTGCCAGCTGCTCCCGCTTCCAGCCAAATGCCAGCCTGTGTGGCAGCAGGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_130887

Insert Size:

3843 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_130887.3, NP_570957.2</u>
RefSeq Size:	4309 bp
RefSeq ORF:	3843 bp
Locus ID:	170721
UniProt ID:	<u>Q9EPX2</u>
Cytogenetics:	12 D1