

Product datasheet for MC202483

Paxip1 (NM_018878) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Paxip1 (NM_018878) Mouse Untagged Clone
Tag: Tag Free
Symbol: Paxip1
Synonyms: D5Erttd149; D5Erttd149e; P; PTIP
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC066014 sequence for NM_018878
CGACGCTGGGCGGGCGGGCGGGTACGCGGGGCGGGCGGGCGGGCGGGCGGATCATGTGCGGAGC
CGGCGCCCGAAGTTCAGAGGAGCTATTCCGCGAGGTCAAGTACTACGCGGTGGGCGACATCGACCCGCA
GGTTATTTCAGCTCCTTAAAGCTGGGAAAGCCAAGGAAGTCTCCTACAATGCCCTGGCCTCACACATCATT
TCAGAGGATGGGACAACCCAGAGGTGGGAGAAGCCCGTGGGAGGTTTGTACTTGGCCGTTGTAAAGCCTT
CCTGGGTGACTCTGTCCGTGCAATGTGGCGCTCTCCTGCCAGTCAATGGTTTCTCTCCAGAGTCTGTCA
GATTTTTTTTGGACTCACTGCCTTCTCAGGTGTCATCTGAAGACAGAAGTCCCTGTGGGCTTG
GTTACGTTCCACGGGGCAGTTGCCAACTAAACCTTAAACAAGAAGTGCACACACTTGATTGTCCAGAGC
CAAAGGGGAGAAATACGAGCGTGTGCAAAAAGAACAAGTATTAAGATTGTACCCCGGACTGGGTCT
GGACTGTGTGCTGAGAAGAGGAGGAAGGATGAAGCGTTTTACCATCCACGCTGATCATCTATGAGGAG
GAGGAAGAGGAGGAGGAAGAGGGAGACAACGAGGAGCAGGACTCCAGAACGAGGGCAGCACTGAGAAGT
CCAGTGTGCGCAGCTCTGCAAGTGGCCTCCCTGCTGAGCAGCCGTGCTCTCCAAGCCAGGGCTGAGGT
GTCCAAAGGAGAGTTGATGTTTGTGACTCTTCTGACTCATCCCCGAAAAGCAGGAGCGCAGCTTGAAC
TGGGCCCCGTGTAAGCCCCACCACTCAACACAGCCAGCGCAGGCTGCCTCAGGAAAAGGGCCAGGAC
TCATTAACCTGTGTGCCAATGTCCCACCTGTTCCAGGGGACATTTGCGCTCCTGCATGCGGGGTA
GATGGCCCCTGGACAAAACCTCCAGAATTCTGAGCGGTGAGAAATACTAGGGACCTGGAGCCAGCTGTC
CGGACGTTGCGAAACATTACAAACAATGCTGATATCCAGCAGATCAACCGGCCATCCAATGTTGCACATA
TCTTACAATCCCTTTTCAGCACCCAAAAAGCCTAGAGCAGCAGGTGGCCGTTGGCCAGCAGGGACACCC
CAATGCCAGTGTGCTGTTTGGCCAGGCTAAAGGTGCTCCCGAGACACAGTGTGTCAGCAGCAGCACC
CCTCCCCAGCAGCCTCAGCAGCAGCAGCAGCCCTGCACCTCCAGCCCGATCATGCAGTCCAGCAGC
AGCAGCAGCAGCAACAGCAGCAGCAGCAGCCAGCCCTACCCCGCCTCCATCACATCAGTTCCC
GCAGCAAGTCCATCAGCATCAGTTCTCTCAGCAGCAGCTCCAGTTTCCACAGCAACCATTACACCCTCAG
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CAAGCAGCACACTTGAGCAAGCGTCCCAGGCACTACAGCACCAGTTTACCCAGCAGCCCTGCAGC
TGTCCTGCAGCCCCACCTCAGCAACAGCAGCAGCAGCAGCTTTTTGGACATGACCCAGCAGTGGAGAT



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TCCAGAAGAAAGCTTCTTGTAGGATGTGTGTTTGAATTGCGGACTATCCCAGCAGATGTCGGATAAG
 CAGCTGCTGGCCACCTGGAAAAGGATAATCCAGGCACATGGTGGCACTGTGGACCCACTTTCACAAGCC
 GATGTACACACCTCCTCTGCGCAAGTCAAGTCAGTAGTATGTACACACAGGCACTACGGGAGAGAAAAGCG
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 ATCCCATGTGAATGCACAGTGGCTGGGGACATTCTGCTGGGAACTTTGAGGCCCTGCGGCAAGTGC
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 AAGACAAAGTATTTCTATATCACCCCTGGCATCTGCCAAGCCTTGCAACTATGAAGGCAATTGTAGAGT
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 CCAGACAGGTGGACTGGAAGCCTGGACAGCCACTAAATGCAAACCTGTGAGCCTGTTCCAGCCTGGGCAG
 AGCCTACCCTACTGACTGATGTTGACTCCAAGCATGGTGGGACAGTGTCTGTTCTACGGGAAGGC
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 TCTGCAGAAACATCCTTCTGTTGGACATTCCTTGTGGCAGGTGTGTCTTACAGGCTGCTTTGGAGAGGC
 TGTCTAAGCAACCTGAGAGACTTCTACAGAGCTGGCCTTTATCTGGTTGAAGTTGTCACTATGAAATAC
 TTCCAAATGTGGAATTTGGGGTGGAGCAGAAGAAGAGCTCTGTACGTGGGACAGTCGGATTTGCCAGCAT
 GCCACATGCCATCCTGTGTCCTTGATCCTAGAACAAAGTGGATGTAGATTCAATAGCCTTCTCTGTGGAA
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 GGGCATCCAATTCCAATTCATTACAGATGGAATGAGCCACCATGTGGTTGCTGGGAATTGAACCTCAGG
 ACCTCTGGAAGAGCAGTCAGCGCTTCCAGCCCTTGATTAACCTTTCAATTAGCATCTTCTGTAAGCTG
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 CATCTGGAGTGCCAACAGTGAATGCTGAGATACAGTGTCTACATGGCAGACCTGGGCTATCCAGGGC
 TACATGGGTGAGATCCTGTCTCAAAAAGTAAATAATTATTTTTGCCACATTGTTTAAAATACAGTTAA
 CTCTTTTCTGGTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_018878
Insert Size: 3171 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:	<ol style="list-style-type: none">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:	BC066014 , AAH66014
RefSeq Size:	5073 bp
RefSeq ORF:	3171 bp
Locus ID:	55982
UniProt ID:	Q6NZQ4
Cytogenetics:	5 13.23 cM
Gene Summary:	This gene encodes a nuclear-localized protein that contains six BRCT1 (C-terminal of breast cancer susceptibility protein) domains. The encoded protein is involved in the repair of DNA double-strand breaks and is necessary for progression through cell division. The protein also functions in the regulation of transcription by recruiting histone methyltransferases to gene promoters bound by the sequence-specific transcription factor paired box protein 2 (Pax2). [provided by RefSeq, Mar 2013]