

Product datasheet for **MC201058**

Poldip2 (BC012879) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Poldip2 (BC012879) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Poldip2
Synonyms:	Pdip38, RP23-399H5.6
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC012879
 AGCAGCCGAGCGGGCGCTCGGGCGGGACATGGCTGGTTGTGTGGCCCGACGGGCCCTAGCAGTGGGCAGC
 CGCTGGTGGTCTCGGTGCTGGCCACGACCCGAGGGTCGAGGCCACTGTGTGCGGTGCGTGGAGCAGGGG
 GCCTTCCGCCGGTGGCCACAGCGACGCCGAAGGCATCTGTGTCGCCGAACCGTGCAGAGGGCAAAGT
 GCTGGAGACAGTTGGTGTGTTTGGAGTGCCAAAACAAAATGAAAATATGAGACTGGGCAGCTATTCCTC
 CATAGTGTGTTTGGCTACCGAGGGTGTCTCTGTTTCCCTGGCAGGCCAGACTGTATGACCGGGATGTGG
 CTTCTGCAACTCCAGAAAAGCAGAGAACCCTGCCGGCCATGGCTCTAAGGAGGTGAAAGGCAAACTCA
 CACTTACTACCAAGTGCTGATTGATGCCCGTACTGCCACATATATCTCAGAGATCTCAGACAGAAGCT
 GTGACCTTCTTGCTAACCATGATGACAGCCGGGCGCTCTATGCTATCCCAGGGTTGGACTATGTACGCC
 ATGAAGACATCTCCCCTACACCTCCACGGATCAGGTTCCATTCAACACGAGCTCTTTGAAAGATTCT
 TCTGTATGACCAGACAAAAGCACCTCCTTTTGTGGCTCGAGAAACGCTGCGGGCCTGGCAAGAGAAGAA
 CACCCGTGGTAGAGCTCTGACGTGCACAGGGAGACCACCGAGAACATCCGTGTCACAGTCATCCCTT
 TCTACATGGGCATGAGGGAAGCCAGAATTCACAGTCTACTGGTGGCGCTATTGTATACGTTGGAAAA
 CTTGGACAGTGATGGTACAGTCCGGGAGCGCACTGGCGGATATTCAGTCTCTCAGGACCCCTGGAA
 ACAGTTCGAGGACGAGGGTGGTGGCAGGGAACCAAGTGTATCCAAGGAGCAGCCTGCATTCCAGTATA
 GCAGCCATGTTTCTGCAAGCTTCCAGTGGGCACATGTGGGGCACATTCGTTTGGAGAGACCGGATGG
 CTTCCACTTTGATGTCCGGATCCCACCATTCTCCTTGAAAGCAATAAAGATGAGAAGACCCACCCTCA
 GGCCCTTACTGGTAGGCCAGCTGAGGCCAGGTTGGCCCTAAGAACAACAGCTCTCAACCATAATTGCT
 GCAGAACTCTAAACCTCTCCCTACTGTGAAATCTTTTTTGGAGGGAGATTGTAACCTTTCTTGGAAAG
 CCCACATAAGACTCCTCAAGGTTGGCCTTGGCCGCTGTCCAGGACACCACGTTCCAGCAAAGCTGTGAG
 GAACTGTTCAAGTGTCCCATGTTTCTGGAATGTGAGGTGTGGTCAATAAACAGTGTCACTTGGCCA
 CCACGGCCATTTTGTCTCCAGGGTCTCAGGCCCTTGTGCGCCTTCCAGAGGCTGGACACTTGG
 ATGCAAAGTTTCTTAGGGAGCTGCTGGCCCTGCTAGGGTGGCCTTCCAGAGGCTGGACACTTGG
 GGCACTGGTAACAGTGAGCAGCACTGGACTAAGTTCCGGTCTCTACCTCCGCCAGGTGATAGAGGAG
 GCCAGTGTAGAGTTGACTGACCTGACTATAGACACGGATTACCCACCAGCACTTCTGGCTTCACTAGGC
 CTGGAGAAGAGTGAGGCAAAACAGTCAAGTCTTGGAACTGTGGGCTTCTGAGCATTGAGCAAAGCCT
 GTCAAGCATCCAGACCACAGGGGAGGAATTCAGCCAAGAAGCAGCTTAAGTTATGGTCACTGACCAAGT
 CAAGCTGCTTTTGGAGCTTCTTTCAGGCCAACAGGAGCCAGAGAATTGGACTGCATTTTGGCCAGGCT
 TAGGATTCCTTACCACATATAGTACTGTTAGAGGTCCTTTCATTCTTGCATTATTAATCTCAGTTCTA
 GTCAAA

Restriction Sites: RsrII-NotI

ACCN: BC012879

Insert Size: 1107 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:	<u>BC012879</u> , <u>AAH12879</u>
RefSeq Size:	2003 bp
RefSeq ORF:	1107 bp
Locus ID:	67811
Cytogenetics:	11 B5
Gene Summary:	Involved in DNA damage tolerance by regulating translesion synthesis (TLS) of templates carrying DNA damage lesions such as 8oxoG and abasic sites. May act by stimulating activity of DNA polymerases involved in TLS, such as PRIMPOL and polymerase delta (POLD1). [UniProtKB/Swiss-Prot Function]