

Product datasheet for **SC108572**

DP2 (TFDP2) (NM_006286) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DP2 (TFDP2) (NM_006286) Human Untagged Clone
Tag:	Tag Free
Symbol:	DP2
Synonyms:	DP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006286, the custom clone sequence may differ by one or more nucleotides

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ATGATTATAAGCACACCACAGAGACTAACCAGTTCAGGAAGTGTCTGATTGGGAGTCCATATACCCCTG
CACCAGCAATGGTTACTCAGACACACATAGCAGAAGCTACTGGCTGGGTCCCTGGTGATAGAAAACGGGC
TAGAAAATTTATAGACTCTGATTTTTTCAGAAAAGTAAACGAAGCAAAAAAGGAGATAAAAATGGGAAAGGC
TTGAGACACTTTTCAATGAAAGTGTGTGAGAAAGTTCAACGAAAAGGTACAACATCGTACAATGAAGTCG
CTGATGAGCTGGTGTGAGAGTTCACCAATTCAAATAACCATTTGGCTGCTGATTCGCAGGCTTATGATCA
GAAGAACATTAGGCGAAGAGTTTATGATGCTTTAAATGTGCTAATGGCAATGAACATAATTTCAAAGGAA
AAAAAAGAAATCAAGTGGATTGGCCTGCCTACCAATTCTGCTCAGGAATGTCAGAATCTGGAGATAGAGA
AGCAGAGGCGGATAGAACGGATAAAGCAGAAGCGGGCCAGCTGCAAGAACTTCTCTACAGCAAAATCGC
TTTCAAAAACCTGGTACAGAGAAATCGACAAAATGAGCAGCAAAAACAGGGCCCGCCGGCTCTGAACTCT
ACCATTAGCTGCCATTCATAATCATCAATACAAGCAGAAAAACAGTCATAGATTGCAGCATCTCCAGTG
ACAAGTTTGAGTATCTTTTCAATTTTGACAACACCTTTGAGATCCATGATGACATAGAAGTACTAAAGCG
GATGGGAATGTCGTTTGGCCTGGAGTCAGGCAATGCTCTCTGGAGGATCTGAACTTGGCAAAATCCCTG
GTGCCAAAGGCTTTAGAAGGTTATATCACAGATATCTCCACAGGACCTTCTTGGTTAAATCAGGGACTAC
TTCTGAACTCTACCAATCAGTTTCAAATTTAGACCTGACCACTGGTGCCACCTTACCCCAAGTCAAGTGT
AAACCAAGGTTATGCTTGGATGAGAAGTGGCCTTAGCAACTGGGAGTTCCTGGCCCCAACAGTCAC
CAGTCCAGCAGTGCAGGCTCTCACTGCTCCGAGTCCCAGGCGAGACCCCTGTTCTGTTCAATGATGAAG
ATGAGGAAGATGATGAGGAGATTCTCTCTCCCAAGATAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006286 unedited CTCTTTAACCCGCCCCGTTGNCCCAAAGGGCGGTAGGCGGTACGGTGGGNAGGTCTATA TAAGCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGG CCGGAATTCGGCAGCAGGCTGCAGTGAGAGGCATGCTTCCTTAGACCAGGCAACATTTCT ATTTGTTGCATTTCCAGTTTCCAATACCAACTCACCTACAAAGATTTTACCAAAAACCTT AGGACCAATAAATGTGAATGTTGGACCCCAAATGATTATAAGCACACCACAGAGACTAAC CAGTTCAGGAAGTGTCTGATTGGGAGTCCATATACCCCTGCACCAGCAATGGTTACTCA GACACACATAGCAGAAGCTACTGGCTGGTCCCTGGTGATAGAAAACGGGCTAGAAAATT TATAGACTCTGATTTTTAGAAAAGTAAACGAAGCAAAAAAGGAGATAAAAATGGGAAAGG CTTGAGACACTTTTCAATGAAAGTGTGTGAGAAAGTTCAACGAAAAGGTACAACATCGTA CAATGAAGTCGCTGATGAGCTGGTGTGAGAGTTCACCAATTCAAATAACCATTTGGCTGC TGATTCGGCTTATGATCAGAAGAACATTAGGCGAAGAGTTTATGATGCTTTAAATGTGCT AATGGCAATGAACATAATTTCAAAGGAAAAAAAAAGAAATCAAGTGGATTGGCCTGCCTAC CAATTCTGCTCAGGAATGTCAGAATCTGGAGATAGAGAAGCAGAGCGGATAGAACGGAT AAAGCAGAAGCGGGCCAGCTGCAAGAACTTCTCTACAGCAAAATCGCTTTCAAAAACCT GGTACAGAGAAAATCGACAATGAGCAGCAAAACAGGGCCCGNCGGCTCTNGACTCATAT TCAGCTGCCATTCATATCATCAATACAGCAGAAAACAGTCATAGATTG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006286 unedited NNAAAATCACTNTGNACCGCGCCCGCTTCTANGATCGAGTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATTCTTGAAAAACTTTTCTTAAAAC AAAAGTAATGACATTTGGTTCATTTTCAAAAATGCACACTGGGTGAAATCATAAATTA CTGACGGGAACTGTAGGCAAGCAATTTGGTCATAGGAATTTGTTTCTTTGGCTTGTTTTA AATGAAAAAGCTATTTGAAATGCATAGCTTTGATTAACCTAAAGATACAGTTTCCTTCTT TGTAAAATCCAAATTTAGGATGCTGGCAAAGGCAGTGTGGCAAAGTATTTAATGCACA TGGAAATGCTATTCTATTTTGGCTTCCAAAAGTAGCCCTAGTAAATTCTATGCCCAATG CATTGGCTAAAAATAATTTCAAGTTTACTATAAATATCTAAATGTCACCTTAAGTACTTA AAAAGTAGCGCTCGCTCCTTTCTAAAACGTCTAAGGCAGCTGATGCCTAAAGCACCTC ATCTAGACCTCCAAGTCAAGTTCACAGTTCATCTGTGCCCTCAGCCAGGACTGCCCTC AGTATCCCTCACTACACAGCTCCCCTCTCTGGGACTTTTCATGTTTCTTTCTGCCTTG TCAAAGGCAGTCCAGGCAAGGAAGAGAAACCTCAGAAACACGATCGTCAAGGACTGCTCC CGGTAACAATCTCAATTCTAAAAAAATTACATGGGTGTGAAGAACCAAAAAATCCACCT CAAAAAGAAAATGAGTTGCCCTCCCCTGGCCACTTTTCAGGGATAACCCCTATCTCCC CAGAAAGCAGCCTTCTTGGTATAAAAACACCGCGCCGGGGGCCAAACTTTCATTCCCC ATGTAAT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_006286
Insert Size:	2350 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:	NM_006286.1 , NP_006277.1
RefSeq Size:	2320 bp
RefSeq ORF:	1161 bp
Locus ID:	7029
UniProt ID:	Q14188
Cytogenetics:	3q23
Domains:	E2F_TDP
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Cell cycle
Gene Summary:	<p>The gene is a member of the transcription factor DP family. The encoded protein forms heterodimers with the E2F transcription factors resulting in transcriptional activation of cell cycle regulated genes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein (isoform 1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>