

Product datasheet for **SC304428**

TFDP3 (NM_016521) Human Untagged Clone

Product data:

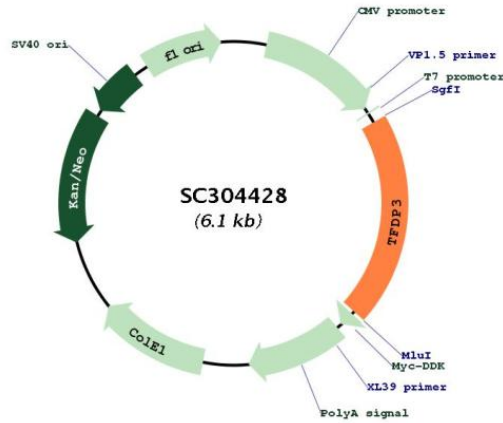
Product Type:	Expression Plasmids
Product Name:	TFDP3 (NM_016521) Human Untagged Clone
Tag:	Tag Free
Symbol:	TFDP3
Synonyms:	CT30; DP4; HCA661
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304428 representing NM_016521. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCAAATATGTCAGTCTCACTGAAGCTAACGAAGAACTCAAGGTCTTAATGGACGAGAACCAGACC
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GGACAGTCCAGTGTCAACATTGACCAGCAAGTGGTAATTGGTATGCCTCAGAGACCAGCAGCATCAAAC
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GCCAAGTTCAGAGCTGCCAGCAACCACGCCTCACCAAACGAGTCAGCTTATGACGTGAAAAACATAAAA
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CTGGTGTGAGAAACAGTATGTGGAGGAGCAGGTGAGCCAGCGGCCGCTGCCAACTCAGTCATCCAC
GTGCCCTTCATCATCATCAGCAGTAGCAAGAAGACCGTCATCAACTGCAGCATCTCCGACGACAAATCA
GAATATCTGTTTAAGTTTAACAGCTCCTTTGAAATCCACGATGACACAGAAGTGTGATGTGGATGGGC
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GACAACAACGATGACGACCTCAGTGAGAATGACGAGGATGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_016521

Insert Size: 1218 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: [NM_016521.2](#)

RefSeq Size: 1680 bp

RefSeq ORF: 1218 bp

Locus ID: 51270

UniProt ID: [Q5H9I0](#)

Cytogenetics: Xq26.2

MW: 45 kDa

Gene Summary: This gene encodes a member of the DP family of transcription factors. These factors heterodimerize with E2F proteins to enhance their DNA-binding activity and promote transcription from E2F target genes. This protein functions as a negative regulator and inhibits the DNA binding and transcriptional activities of E2F factors.[provided by RefSeq, May 2010]