

Product datasheet for **SC322284**

DEPP1 (NM_007021) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DEPP1 (NM_007021) Human Untagged Clone
Tag:	Tag Free
Symbol:	DEPP1
Synonyms:	C10orf10; DEPP; FIG; Fseg
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322284
 GCACTGTCCTCCTCCAGCGACCCACGCTGGACCCCTGCCGGACCTCCACCCCTTCGG
 CCCCCAAGCTTCCAGGGGCTTCTTTGGACTGGACTGTCCCTGCTCATCCATTCTCCTG
 CCACCCCCAGACCTCCTCAGCTCCAGGTTGCCACCTCCTCTGCCAGAGTGATGAGGTCC
 CGGCTTCTGCTCTCCGTGGCCATCTGCCACAATTCCGGAGACCACGGAGGAGATGCTG
 CTTGGGGTCTTGACAGGAGCCCCACCTCTCTAGCCTGGATGACTACGTGAGGTCT
 ATATCTCGACTGGCACAGCCACCTCTGTGCTAGACAAGGCCACGGCCAGGGCCAAACC
 AGGCCACCCACAGGCCAGCCAGGCCTGCCGAAGGGCCGCCCTGCTGTGTCCCTGCGA
 GACATCACCGCAGTTTTCAGTGGCCAGCAGCCCACTGCCCATGGCTGATACTGTGGAC
 CCCCTGGACTGGCTTTTGGGGAGTCCCAGGAAAAGCAGCCAAGCCAGAGGGACCTGCCA
 AGGAGGACTGGCCCTCTGCTGGCTCTGGGTCCACATAGACAGATGGACAGCAGCAAG
 CCCATGGGGGCCCCAGAGGGAGGCTCTGTGAAGCCAGGATGCCTGGGCATTCCCTGGCA
 AGACCACCGCAGGATGGGCAGCAGAGCTCTGACCTAAGAAGCTGGACTTTTGGGCAGTCT
 GCCCAAGCCATGGCTCCCGCCACGCCCGCCCGCCAGCAGTGTCTCAGAACACTCTAC
 TCGCACCTCCCGGTGATCCATGAAGTCTGACCCCTCCCGAGTAAAGGCTTCTGTAGAGAG
 CATGCTGGGTCTGCATCTCTCTCGTCTCTCCATGGTGGTCACTGCCCTGGCAGGTCT
 CTGAAAGGGAATGCTTTTCTGCAGAGGCCCTGCTTGGGCAGTTCACAGTGAGACCGAC
 CCCCTCTGAATATGATAACAGCCTGTTTACATGAGGAGATGTTACCAATCCCGTTCGCT
 CTGACCCTTGCTGGCTGATCACCTTGAGCACTTACTTAACATCTGTGTTCTCAGTTTC
 TCATGGGTAATATAGGGATAATTACTGGCACCTGCCTCCAGGCCATTCTGACGTGTAAC
 CGCATATAGGAGCCCACTGGCTGAGTAGTACCATCATCGCTGGTGGGAACTGGTGGT
 AGGGGTGTGAGGGTAGTGGGGGTGTGAGCCCCCAGGTGTTTCAGAACAAGGCCTCGGGC
 ACTCCCAAGTCTGCCTCTTGGCTCCACCCCTCAAAGCCATGTTCTGTGAGGCCCAAGAG
 AACACATGGAGTCTTAGCAATGCACTAATGTATTCCGGGGGACTGTCACTGGCACCCAC
 TGGGGCACTCTGCTGGCTACAACCTCATACGTCCTGTGGTGGCATTGGGAGAGTTCCCCCA
 TGATGAGGGCCAAGATAGAATCTGTACCACTCAGTGCTACCATCCCCACCCCTACACCAC
 TTCCACACAGGGGCTCATGGCATGGTCAGGGTCCCAGCTGTGGGTGAGAGCAGGGCACT
 GTCCAGCTGTCCACTGGGGAAGTCAAGATGTCTAAGGCCCAGGCCAGGGCATCTGGAGT
 CTGAAGGACCCTAGTTCTTAGAGGCATCTGGCAGCAAGAAGGTGAGGCATCAGGGAACGG
 GAATCAGGCTGGGACTGATCAGAGGTGAAGGGACAGAGAGGAGAGGAGGAAGATTGAG
 CTGGGGGCAACAGCCAAGCTCACCTGGGCAGGTCTCTGCCACCTCCTTGCTCTGTGAGCT
 GTCAGTCTAGGTTATTCTCTTTTTTTGTGGCTATTTTTAATTGCTTTGGATTTGTTAAAT
 GTTTTCTGTCTTCTGTTAAGTGTGTTTTCTCTGGAGATAGAATGTAAACCATATTTAAAG
 GAAAAAGTTTCAGACAAGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_007021

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:	<u>NM_007021.2, NP_008952.1</u>
RefSeq Size:	2012 bp
RefSeq ORF:	639 bp
Locus ID:	11067
UniProt ID:	<u>Q9NTK1</u>
Cytogenetics:	10q11.21
Gene Summary:	The expression of this gene is induced by fasting as well as by progesterone. The protein encoded by this gene contains a t-synaptosome-associated protein receptor (SNARE) coiled-coil homology domain and a peroxisomal targeting signal. Production of the encoded protein leads to phosphorylation and activation of the transcription factor ELK1. [provided by RefSeq, Jul 2008]