

Product datasheet for **SC115744**

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:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115744 sequence for NM_007021 edited (data generated by NextGen Sequencing) ATGAGGTCCCGGCTTCTGCTCTCCGTGGCCCATCTGCCACAATTCTGGGAGACCACGGAG GAGATGCTGCTTGGGGTCTTGACAGGAGCCCCACCTCTCCTAGCCTGGATGACTAC GTGAGGTCTATATCTCGACTGGCACAGCCACCTCTGTGCTGGACAAGGCCACGGCCAG GGCCAACCCAGGCCACCCACAGGCCAGCCAGGCCTGCCGAAGGGCCGCCCTGCTGTG TCCCTGCGAGACATCACCGCACGTTTCAGTGGCCAGCAGCCACACTGCCCATGGCTGAT ACTGTGGACCCCTGGACTGGCTTTTGGGGAGTCCCAGGAAAAGCAGCCAAGCCAGAGG GACCTGCCAAGGAGGACTGGCCCTCTGCTGGCCTCTGGGGTCCACATAGACAGATGGAC AGCAGCAAGCCCATGGGGCCCCCAGAGGAGGCTCTGTGAAGCCAGGATGCCTGGGCAT TCCCTGGCAAGACCACCGCAGGATGGGCAGCAGAGCTCTGACCTAAGAAGCTGGACTTTT GGGCAGTCTGCCAAGCCATGGCCTCCCGCCACCGCCCCGCCCCAGCAGTGTCTCAG ACACTCTACTCGCACCTCCCGGTGATCCATGAAGTCTGA Clone variation with respect to NM_007021.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007021 unedited
TATTACCCGCCGNTGCCGCAAGGGCGGTAGGCGTGACGGTGGGAGGTCTATATAAGC
AGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTGCAGCGGCCGCG
AATTCCGGCAGCAGGGGAAGAGCCTGCTACGGTGGACTGTGAGACTCAGTGCAGTGTCTC
CTCCACAGCAGCCACGCTGGACCCCTGCCGGACCTCCACCCTTCGGCCCCAAGCTT
CCCAGGGGCTTCTTTGGACTGGACTGTCCCTGCTCATCTATTCTCTGCCACCCCCAGA
CCTCCTCAGCTCCAGTTGCCACCTCCTCTGCCAGAGTGATGAGTCCCGCTTCTGCT
CTCCGTGGCCCATCTGCCACAATTTCGGGAGACCACGGAGGAGATGCTGCTTGGGGTCC
TGGACAGGAGCCCCACCCTCTCTAGCCTGGATGACTACGTGAGGTCTATATCTCGACT
GGCACAGCCACCTCTGTGCTGGACAAGGCCACGGCCAGGGCCAACCCAGGCCACCCCA
CAGGCCAGCCAGGCTGCCGAAGGGCCGCCCTGCTGTGCTCCCTGCGAGACATCACCGC
ACGTTTCAGTGGCCAGCAGCCCACTGCCATGGCTGATACTGTGGACCCCTGGACTG
GCTNTTTGGGAGTCCCAGAAAAGCAGCAAGCCAGAGGACCTGCCAAGGAGACTGGC
CCCTCTGCTGGCCTCTGNGGTCACATAGACAGAGGACAGCAGCCAGCCCATGGGGCCCC
CAGAGGGAAGCTCTGTGAAGCCAGGATGCCTGGGCATTCCCTGGCAGACCACCGCAGGAT
GGGCAGCAAAGCTCTGACCCTAGAGCTGGACTTTTGGCAGTCTGCCAGCCATTGGCTTC
GNCACGGCCCCGCCACCATGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_007021 unedited
GGAACCTTATGGACGCGGCCGCAATTTNANGATCGGGTTTTTTTTTTTTTTTGGCTGG
AAACTTTTTCTTTTAAATGGTTTACATTCTATCTCCAGAGAAAACACTTAACAGAAG
ACAGAAAACATTTAACAAATCCAAAGCAATTAATAAACCACAAAAAAGAGAATAACC
TAGACTGACAGCTCACAGAGCAAGGAGGTGGCAGAGACCTGCCAGGTGAGCTTGGCTGT
TGCCCCAGCTCAATCTTCTCCTCTCCTCTCTGTCCCTTACCTCTGATCAGTCCCA
GCCTGATTCCCGTTCCCTGATGCCTCACCTTCTTGTGCCAGATGCCTCTAGGAAGTAGG
GTCCTTCAGACTCCAGATGCCCTGGCCTGGGCCTTAGGACATCTTGACTTCCCCAGTGGA
CAGCTGGACAGTGCCCTGGTCTCACCCACAGCTGGGACCTGACCATGCCATGAAGCCCC
TGTGTGGAAGTGGTGAAGGGTGGGGATGGTAACACTGAGTGGTACAGATTCTATCTTGG
CCCTTATCATGGGGAACTCTCCAATGCCACCACAGGACGTATGAGTTGGAGCCAGCAG
AGTGCCCCAGTGGTGCCAGGTGACAGTCCCCGGAATACATTAGTGCATTGGCTAAAAT
CCCTGTGGTCTCTTGGGCTCACAGAACCAGGGCTTTGAAGGTGGGGAGCCCAANAGGAG
AAGTGGGAGTGCCCCAGGGCCTTGTGTTGAAACAACCGGGGGGTGGAACCCCAATAT
CCTTAAACCCCTAACACAGTTTCCCCCCCACGGGAGGAGGGGGCGTCTTCAGCCCGG
GGGGGTCTATTATGGGGGTACACCTAAAAAGGGCTGGGAGGCAGGGGCCCAAAATTTT
CCCCTTTTTTCCCCGGGAAAAATGAGGAAAC

Restriction Sites:

NotI-NotI

ACCN:

NM_007021

Insert Size:

2200 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: [NM_007021.2](#), [NP_008952.1](#)

RefSeq Size: 2012 bp

RefSeq ORF: 639 bp

Locus ID: 11067

UniProt ID: [Q9NTK1](#)

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]