

Product datasheet for **SC334076**

PPPDE1 (DES12) (NM_001297746) Human Untagged Clone

Product data:

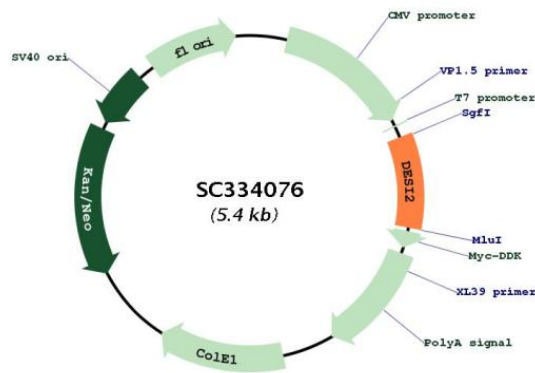
Product Type:	Expression Plasmids
Product Name:	PPPDE1 (DES12) (NM_001297746) Human Untagged Clone
Tag:	Tag Free
Symbol:	DES12
Synonyms:	C1orf121; CGI-146; DESI; DeSI-2; DESI1; FAM152A; PNAS-4; PPPDE1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC334076 representing NM_001297746. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGGCTAACCAAGTTAGTGGTGTCAACGTGTACGACATGTATTGGATGAACGAATATACCTCATCC
ATTGGAATTGGAGTTTTTCATTCAGGAATTGAAGTCTATGGCAGAGCTGTTGTTTTAGGGAGCACGGAC
TTCCTAGAAGATGATATAGAAAAAATTGTAGAAGAACTGGGAAAAGAATACAAAGGCAATGCTTATCAT
TTAATGCATAAAAACGCAATCATTTTTCTTCAGCTTTATCAGAGATTCTTTGTGGAAAGAGATTCTC
CGCTGGATCAATCGACTGCCTACTTCAGCTCCTGTATACCCTTTCTACAGAGTTGCCTCCCGAAGGAG
TGGCTCACGCCCGCAGCCCTGCAGTCTAGTGTACGCCAAGAACTCCAGGATGAACTGGAGGAAGCAGAG
GATGCTGCCGCATCCGCTTCCGTGGCAAGCACTGCAGCAGGCTCCAGACCCGGGCCCACTAAACTA
TAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001297746

Insert Size: 486 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_001297746.1](#)

RefSeq Size: 4010 bp

RefSeq ORF: 486 bp

Locus ID: 51029

UniProt ID: [Q9BSY9](#)

Cytogenetics: 1q44

MW: 17.8 kDa

Gene Summary: Has deubiquitinating activity towards 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains. Deubiquitinates 'Lys-48'-linked polyubiquitination of RPS7 leading to its stabilization (PubMed:28483520).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an alternate exon and uses an alternate splice site, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is shorter than 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.