

Product datasheet for SC335248

DEPTOR (NM_001283012) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DEPTOR (NM_001283012) Human Untagged Clone
Tag:	Tag Free
Symbol:	DEPTOR
Synonyms:	DEP.6; DEPDC6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335248 representing NM_001283012. Blue=Insert sequence Red=Cloning site Green=Tag(s)

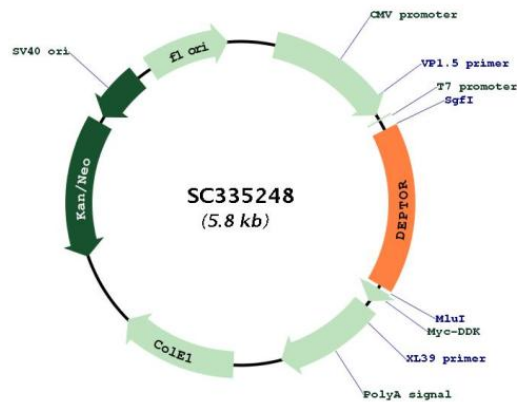
```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGAGGGCGGCAGCACTGGCAGTGTGGCAGTGACAGCAGCACCAGCGGGAGTGGCGGGGCGCAG
CAAAGGGAGCTGGAGCGCATGGCTGAGGTCTTGGTCACCGGGGAACAGCTACGGCTGATGAGCCCTGAA
AACACACTCCTGCAGCCCAGGGAGGAGGAAGGGGTCAAGTATGAGCGCACCTTCATGGCATCTGAATTC
CTGGACTGGCTGGTTCAGGAAGGTGAGGCCACCACGAGGAAAGAGGCAGAGCAGCTTTGCCACCGGCTT
ATGGAGCATGGCATCATCCAGCATGTGTCCAACAAGCACCCATTTGTGGACAGCAATCTTCTCTACCAG
TTCAGAATGAACCTCCGGCGGAGGCGAAGACTGATGGAGCTGCTCAATGAAAAGTCCCCCTCTCCAG
GAAACTCATGACAGTCCCTTCTGCCTGAGGAAGCAGAGCCATGACAATCGGAAATCTACCAGCTTTATG
TCAGTGAGCCCCAGCAAGGAGATCAAGATCGTGTCTGCAGTGAGGAGAAGCAGCATGAGCAGCTGTGGC
AGCAGCGGCTACTTCAGCAGCAGCCCCACCCTCAGCAGCAGCCCCCTGTGCTCTGCAACCCCAAGTCC
GTGCTGAAGAGACCTGTACCTCTGAGGAACCTTACTCCCAGGGCTCCGTATGCAAGGAAGACATTC
ACGATTGTTGGTGACGCGGTTGGCTGGGTTTTGTGGTGCAGGAAGTAAGCCATGCCACATCCAGGCT
GTAGACCCAGTGGCCCTGCAGCCGCAGCAGGAATGAAGGTCTGTGAGTTGTGCTCTGTCAACGGG
CTCAATGTCCTGCATGTAGACTACCGGACCGTGAGCAATCTGATTCTGACGGGCCACGGACGATTGTC
ATGGAAGTCATGGAGGAGTTAGAGTGTGA
ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001283012

Insert Size: 927 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_001283012.1](#)

RefSeq Size: 2333 bp

RefSeq ORF: 927 bp

Locus ID: 64798

UniProt ID: [Q8TB45](#)

Cytogenetics: 8q24.12

MW: 34 kDa

Gene Summary: Negative regulator of the mTORC1 and mTORC2 signaling pathways. Inhibits the kinase activity of both complexes.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks two in-frame exons in the 5' coding region, 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.