

Product datasheet for **SC329484**

C16orf5 (CDIP1) (NM_001199054) Human Untagged Clone

Product data:

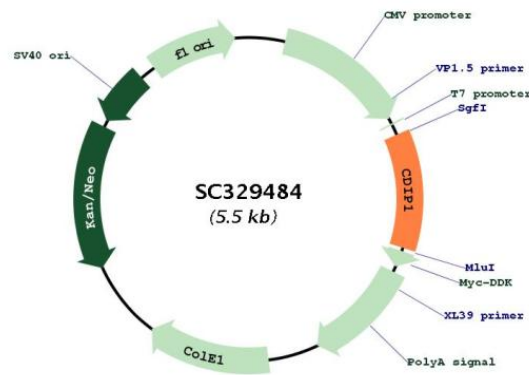
Product Type: Expression Plasmids
Product Name: C16orf5 (CDIP1) (NM_001199054) Human Untagged Clone
Tag: Tag Free
Symbol: CDIP1
Synonyms: C16orf5; CDIP; I1; LITAFL
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329484 representing NM_001199054.
Blue=Insert sequence **Red**=Cloning site **Green**=Tag(s)

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ATGTCCAGCGAGCCTCCCCCTCCTTATCCTGGGGCCCCACAGCCCCACTTCTGGAAGAGAAAAGTGGA
GCCCGCCACCCAGGCCGTTCTCCAGCTGTGATGCAGCCCCCTCCAGGCATGCCACTGCCCCCT
GCGGACATTGGCCCCCACCTATGAGCCGCCGGGTACCCAATGCCCCAGCCTGGCTTCATCCCACCA
CACATGAGTGCAGATGGCACCTACATGCCTCCGGGTTTCTACCCTCCTCCAGGCCCCACCCACCCATG
GGCTACTACCCCCAGGGCCCTACACGCCAGGGCCCTACCCTGGCCCTGGGGCCACACAGCCACAGTC
CTGGTCCCTTCAGGAGCTGCCACCACGGTGACAGTGCTGCAGGGAGAGATCTTTGAGGGAGCGCCTGTG
CAGACGGTGTGTCCCACTGCCAGCAGGCCATACCACCAAGATCTCCTACGAGATTGGCTTGATGAAT
TTCGTGCTGGGTTTCTTCTGTTGCTTCATGGGATGTGATCTGGGCTGCTGCCTGATCCCCTGCCTCATC
AATGACTTCAAGGATGTGACGCACACATGCCCCAGCTGCAAAGCCTACATCTACACGTACAAGCGCCTG
TGCTAA
```

Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001199054

Insert Size: 627 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_001199054.1](#)

RefSeq Size: 2774 bp

RefSeq ORF: 627 bp

Locus ID: 29965

UniProt ID: [Q9H305](#)

Cytogenetics: 16p13.3

Protein Families: Transmembrane

MW: 21.9 kDa

Gene Summary: Acts as an important p53/TP53-apoptotic effector. Regulates TNF-alpha-mediated apoptosis in a p53/TP53-dependent manner.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Variants 1 and 2 both encode the same isoform (a). 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.