

Product datasheet for **SC319113**

C16orf5 (CDIP1) (NM_013399) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C16orf5 (CDIP1) (NM_013399) Human Untagged Clone
Tag:	Tag Free
Symbol:	C16orf5
Synonyms:	C16orf5; CDIP; I1; LITAFL
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 NM_013399.2
 GCCAGTCCCGAGGCGTTTCGGTCTGCTGTTGCGGCCGCTGCCCCAGGGCTGCGGGGACG
 CTCCCGGAGCCCTGCCTGTTCCCTGTCCATCCAGGCCAGCAGCTGAAGGAGCCTCACCTG
 CCTCCCTTCTCTGAGTAGCACGGATTTGAGGAGAAGCAGCGAAGATGTCCAGCGAGCCTC
 CCCCTCCTTATCTGGGGGCCACAGCCCCACTTCTGGAAGAGAAAAGTGGAGCCCCGC
 CCACCCAGGCCGTTCTCCAGCTGTGATGCAGCCCCCTCCAGGCATGCCACTGCCCC
 CTGCGGACATTGGCCCCCACCCTATGAGCCGCCGGGTACCCCAATGCCCCAGCCTGGCT
 TCATCCCACCACACATGAGTGCAGATGGCACCTACATGCCTCCGGGTTTCTACCCTCTC
 CAGGCCCCCACCACCCATGGGCTACTACCCCCAGGGCCCTACACGCCAGGGCCCTACC
 CTGGCCCTGGGGGCCACACAGCCACAGTCTGGTCCCTTCAGGAGCTGCCACCACGGTGA
 CAGTGCTGCAGGGAGAGATCTTTGAGGGAGCGCCTGTGCAGACGGTGTGTCCTCCACTGCC
 AGCAGGCCATCACCACCAAGATCTCTACGAGATTGGCTTGATGAATTTTCGTGCTGGGTT
 TCTTCTGTTGCTCATGGGATGTGATCTGGGCTGCTGCCTGATCCCCTGCCTCATCAATG
 ACTTCAAGGATGTGACGCACACATGCCCCAGCTGCAAAGCCTACATCTACAGTACAAGC
 GCCTGTGTAACGGAGCTGGGACTCGGGACTCCCCGCCTGTGCTGCCCCCTGTGC
 TTTGCTCCCTGTGCTCAGTGGTCACTTTCCCGCTCCCACTTGGGGCTGGGAGCCGTGCCA
 CCATCCCCTAGAAGTCTGCTCCTTTCACCCTGCCCTACCTGAGCCGCTGACTCTTCTGG
 CAAAAATTCTGTTGGGATTTAAGGCCAAGGGTCACTGGGTGGCAGGGGGCTGACAATGAG
 CTTGTGTGTTGTTGGTCTGCTTGGTGTGTGTGATCGGGAAGATAAGCTGGGAGGGGTCTC
 CTGCTGGGGTCTGATGCCTCTGTTTCCAAACAAGGTACAGGTTCACTCCAGACTCTTTC
 CCCCTGGGACCAACAGCAGCCAGAGCAGTTAGCCAGTTAGTCCCCAGGCCTGTGGCCACA
 GCGGTTTCTGACCTGCTGGGCCGAGAATGGTAAGTTGTCTGGAGTCAGGTGGGCCACG
 TAGGACAGGGTCACAAAGCCTGGGTTTGTCTGGGTACTTTGGCCCTCTGGGGTCTAG
 AGGTGGGGCATGGTGGCTGGAAGTAAACTGCCAACTCTGGCCCTCAGAAGTCTCAGGTA
 TAGAAGCCAGGATGTCTAATACCCTGTCCCAGTGCCCGAGAGCTGCCTGGTGTGAGGTA
 GAGAGGACACTGTACCTGGTGAATGATCAGACCCTGGTGTAGTAAGAAGGAACTGTCCC
 TTTGAGTCAGTGTGCAGACCCCCCTTCAGGCCATGCCTCTGTGAACCCTGTATTGCTGGG
 GCCGGAAGGAGCCCTGAGCCTAGCCCCCTCCCGTCTGCCCTGTGCTCCTCACTGCGTGTG
 GGTATGACCTCTGCCTGGTGGCTGGTGTATCCCAACTGGGCAAGAGATGGCAGAGGGTCC
 CCCTTGTGGGTGCGCTTGGATGTGCAGAGCCTTCTCCATGGATTTTCTTCCCTGTAAGTG
 CCGGGCCCTCACCCAGCTGACAGGCTGTTGCTGTGCCTGCTCACACCTGCTCCTGCAG
 GCACACTGGGCTAGGGAGGAGGAAGGAGAGCCCAAGTGGTAGAACTGCCTTGGTGGAC
 ACCAGCCTCGCCCTGTCTTTATTTCTGAATGGTTTGTGAACTTGCTCACCTGGACCACT
 GTATCCTGCCACTGTCCTTCTGGTCTCGCACTGCCACTGCATGGCCCTCTGCACTGTG
 AATCGTGGCCAGTCTCAGTTTGTAGTTTCTCATTAAATTGGCCCTTTCCTCCCGCA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_013399

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:	<ol style="list-style-type: none">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_013399.2 , NP_037531.2
RefSeq Size:	2742 bp
RefSeq ORF:	627 bp
Locus ID:	29965
UniProt ID:	Q9H305
Cytogenetics:	16p13.3
Domains:	LITAF
Protein Families:	Transmembrane
Gene Summary:	<p>Acts as an important p53/TP53-apoptotic effector. Regulates TNF-alpha-mediated apoptosis in a p53/TP53-dependent manner.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same isoform (a).</p>