

Product datasheet for **RG202404**

C16orf5 (CDIP1) (NM_013399) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C16orf5 (CDIP1) (NM_013399) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C16orf5
Synonyms: C16orf5; CDIP; I1; LITAFL
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG202404 representing NM_013399
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCAGCGAGCCTCCCCCTCCTTATCCTGGGGCCCCACAGCCCCACTTCTGGAAGAGAAAAGTGGAG
 CCCCAGCCACCCAGGCCGTTCTCCCCAGCTGTGATGCAGCCCCCTCCAGGCATGCCACTGCCCCCTGC
 GGACATTGGCCCCCACCCTATGAGCCCGGGTACCCAATGCCCCAGCCTGGTTCATCCCACCACAC
 ATGAGTGCAGATGGCACCTACATGCCTCCGGTTTCTACCCTCTCCAGGCCCCACCACCCATGGGCT
 ACTACCCCCAGGGCCCTACACGCCAGGGCCCTACCCTGGCCCTGGGGGCCACACAGCCACAGTCTGGT
 CCCTTCAGGAGCTGCCACCACGGTGACAGTGTGCAGGGAGAGATCTTTGAGGGAGCGCCTGTGCAGACG
 GTGTGTCCCCACTGCCAGCAGGCCATCACCACCAAGATCTCTACGAGATTGGCTTGATGAATTCGTGC
 TGGGTTTCTTCTGTTGCTTCATGGGATGTGATCTGGGCTGCTGCCTGATCCCCTGCCTCATCAATGACTT
 CAAGGATGTGACGCACACATGCCCCAGCTGCAAAGCCTACATCTACACGTACAAGCGCCTGTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG202404 representing NM_013399
 Red=Cloning site Green=Tags(s)

MSSEPPPPYPGGPTAPLLEEKSGAPPTGRSSPAVMQPPPGMPLPPADIGPPPYEPPGHMPQPGFIPPH
 MSADGYMPPGFYPPGPHPPMGYYPPGPYTPGPYPGGHTATVLPVSGAATTVTLQGEIFEGAPVQT
 VCPHCQQAITTKISYEIGLMNFVLGFFCCFMGCDLGCCLIPCLINDFKDVHTHTCPSCKAYIYTKRLC

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:

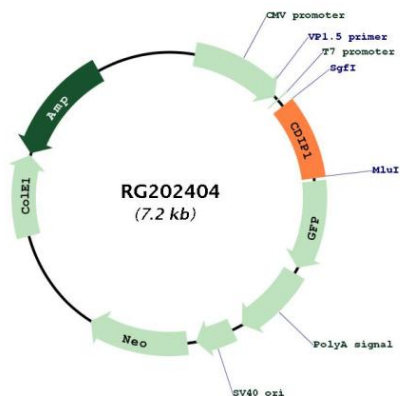

ACCN:	NM_013399
ORF Size:	624 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_013399.3
RefSeq Size:	2742 bp
RefSeq ORF:	627 bp
Locus ID:	29965
UniProt ID:	Q9H305
Cytogenetics:	16p13.3

Domains: LITAF

Protein Families: Transmembrane

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]

Product images:



Circular map for RG202404