

Product datasheet for RC207816

C1orf131 (NM_152379) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf131 (NM_152379) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C1orf131
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC207816 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGGTTGATTCTCGGCTGACCCCAACAATGTCGCAGGAGCAAGGGCCGGGTCTCCACGCCTCCCA
GTTCTCCGACACTTCTTGACGCTCTGCTCCAGAACCTTTACGACTTTGGAGGTACAGAAGGTGAAACAGA
ACAGAAGAAGATCATAAAGAAAAGGGAAAACAAGAAGAGAGATGTGATGGCTTCAGCGGCCTTGGCAGCA
GAGCCATCTCCCTACCTGGTTCTCTCATAAGAGGCCAGAGGAAGAGCGCTTCGAGCTTCTCAAGGAAC
TTAGAGAAGAGCGGCATTGTGCTCCTTCTGGGACCCCCACAGGACCAGAGATCCTTGCTGCTGCAGTTCC
TCCTCTTCCCTAAAGAACAATAGGGAACAAGTAGAAGTGGTAGAATTTACAGCAATAAAAAAGAAAA
TTGACGCCAGATCATAACAAGAACAAGGCTAATCCTAGTGTTTTGGAGAGAGATGTGGATACACAAG
AATTTAACCTAGAAAAAGCTCGTTTAGAAGTGCACCGGTTTGGTATCACGGGTTATGAAAAGGAAAGGA
GAGAATCCTGGAACAGGAACGTGCCATTATGCTGGGCGCTAAGCCTCCTAAAAAGAGTTATGTGAATTAC
AAGGTTTTACAGGAGCAAATTAAGAAAAAAGGCAGCAAAGGAAGAAGAAAAGAGACTGGCCCAAGAAA
CAGATATTTTCAAGAAAAAGAGGAAAGGACAGGAGGACAGGAAATCCAAAAAGAGTCCGCTCCAG
TATTTTGTCAAATGGACGGATTGGACAGGTTGGAAAATTCAAAAATGGAACACTGATTCTGAGCCAGTT
GATATCAAGAAAAATAATTCTTCAGAGTGCCAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RC207816 protein sequence
 Red=Cloning site Green=Tags(s)

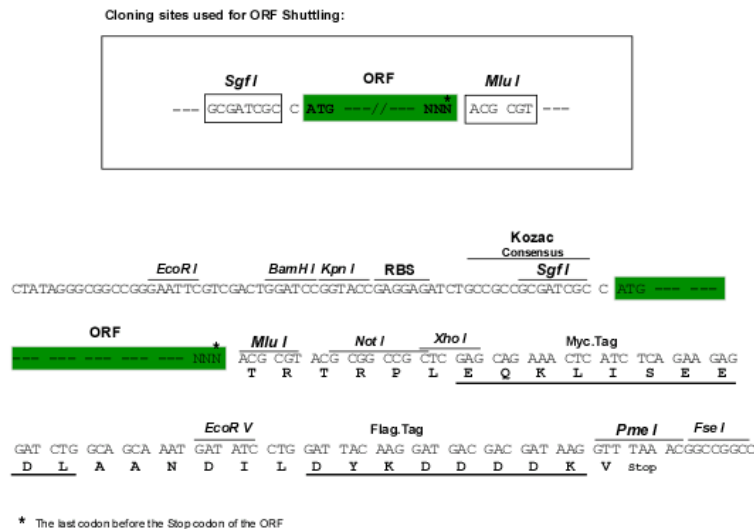
MRVDSSADPTMSQEQPGSSTPPSSPTLLDALLQNL YDFGGTEGETEQKKI IKKRENKKRDVMASAAALAA
 EPSPLPGSLIRGQRKSASSFFKELREERHCAPSGTPTGPEILAAAVPPSSLKNNREQVEVVFHSNKKRK
 LTPDHNKNTKANPSVLERD VDTQEFNLEKARLEVHRFGITGYGKGERILEQERAIMLGAKPPKKS YVNY
 KVLQEIQIKEKKAKEEEKRLAQETDIFKKKKRKQEDRKS KKSAPSILSNGRIGQVGKFKNGTLILSPV
 DIKKINSSRVAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6337_b09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152379

ORF Size: 876 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_152379.4](#)

RefSeq Size: 1458 bp

RefSeq ORF: 882 bp

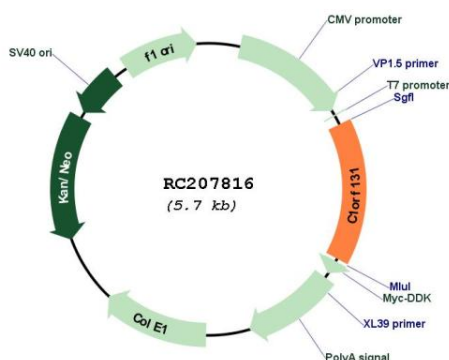
Locus ID: 128061

UniProt ID: [Q8NDD1](#)

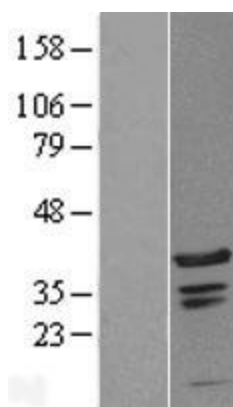
Cytogenetics: 1q42.2

MW: 32.5 kDa

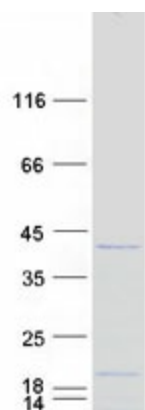
Product images:



Circular map for RC207816



Western blot validation of overexpression lysate (Cat# [LY407625]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC207816 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified C1orf131 protein (Cat# [TP307816]). The protein was produced from HEK293T cells transfected with C1orf131 cDNA clone (Cat# RC207816) using MegaTran 2.0 (Cat# [TT210002]).