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Product datasheet for RC206175

C1orf65 (CCDC185) (NM_152610) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf65 (CCDC185) (NM_152610) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C1orf65
Synonyms:	C1orf65
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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ORF Nucleotide Sequence:

>RC206175 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGGCTTCAGCCACTTCTCCCAGCCGCCCTACCGGGATCTCTGGGAACCCCCGCGGCCCGGCGGAG
AACGAGAGTCCACGCAGCGGCTGGGCGGGCAGAGGTCCGGAGCCGACTCCACCGCGTGCTCCCGGGCCGG
GACTCCGGGTGCGGAGAGCGAAGCTGGGGCGTGCTGGCTGCACCCGCACTGTTCGTTCACCCCGCGGCCT
CGCAGGCGCGGGTGCTCAGATTCACTGCGGGGCAGCCGAAGCCTGAGCGATGTGGCCCGCAGGCCCCTGG
AACGTTCCAGGAAGCACCGGCCCCGCAGCAGGCGCCTGGAAGATGCCTGGGGAGAGACAGGAACCAAGCC
CCGCCCGGCTTGGCAGCCGCAGACCCAGCTGCCACCCCAGCGGCCGCAGCCCTGCCCGCATTACCCTCTG
GCCCAGGGAGACTCGCCCCCGCCTTGCCCCGGAGGAGCTGGCACTCCCCTGAGTGGCACATTCAGGGTAG
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GCAGATTGTGGCCCTGGTGCTGACCCGTCTCAAGAAGGCCCAGAGGATACGGGAGCTGCAGCAGCAGGCG
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TGCTGCTGCGGCAGAGCCAGGAGCAGTGGCAGGAGAAGGAGCAGCGCAAGACCCTCCAGAGCCCTGAGCA
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CGCGCAGGGGAGTCAGAGGAACAGAGGAAGATGCGCAAAAGAATTCTGGTGGAGCTGGCGGATGAGAAGA
TCCGACAGGCCAGGAGTCACGTGCACAAGACCACTAGGGACAAGGTGCAGCACCTCCGGGAGCTCAACCA
CCTGAGGGAGAAAAACCACCACATCCTGAAACTGAAAGCCGAGAAGGAGGAAAAGTGTCACATTGAGGGC
ATCAAGGAGGCCATTAAGAAAAAGGAGCAGAGGGTGCAGCACATTTCCCAAGGGAAAGACCCAAACTTCC
AGGAGTTCCAGAAGCTCCCTCAGGCCTCCAGGAGAGAGGAGAGAGCGCCTCCCAACAGCTCCCTTGATCA
GATGGTACTAGAGGCCCAGCTCCGTGCCTGTCAGCAGAACAGGGGTTAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206175 protein sequence
Red=Cloning site Green=Tags(s)

MAGFSHFSQPPYRDLWEPPRPGGERESTQRLGGQRSGADSTACSRAGTPGAESEAGACWLHPHCSFTPRP
RRRGCSDSLRGSRSLSDVARRPLERSRKHRPRSRRLEDAWGETGTKPRPAWQPQTQLPPQRPQPCPHYPL
AQGDSPPPCPGGAGTPLSGTFRVEKAQGGDQWAVPLGRHLGRWSPSSVPSERSSVPSQKFKRHSACVCAQ
KRDSSDQVESLASRDSQPLASSKEMRSPHTQVLKSKLEEVVVSSQDQQIVALVLTRLKKAQRIRELQQQA
AKAWEELKRSDQKVQMTLERERRLLLRQSQEQWQEKEQRKTLQSPEQRDLRRDSQRKNVPPGESRWKEQP
EDQESPRQEKLEKARAQAEHRKQCQVRRLLEQEKMLRNLREQHSLQLQRRLVEACRKRHLHAVEGQKKVQ
DTNLSSLINYQARKVLMDCQAKAEELLRQLSLEQSFQRSQEIHQGLRKERQRELREKAQKEEEQLQQARW
RAGESEEQRKMRKRILVELADEKIRQARSHVHKTTRDKVQHLRELNHLREKNHHILKLKAEKEEKCHIEG
IKEAIKKKEQRVQHISQGKDPNFQEFQKLPQASRREERAPPNSSLDQMVLEAQLRACQQNRGY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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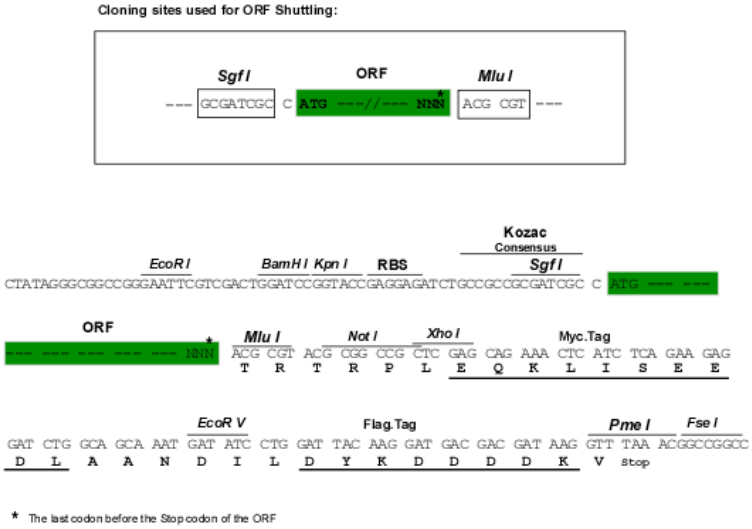
Chromatograms: https://cdn.origene.com/chromatograms/mk6320_b08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152610

ORF Size: 1869 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.

RefSeq: NM_152610.1, NP_689823.1

RefSeq Size: 2114 bp

RefSeq ORF: 1872 bp

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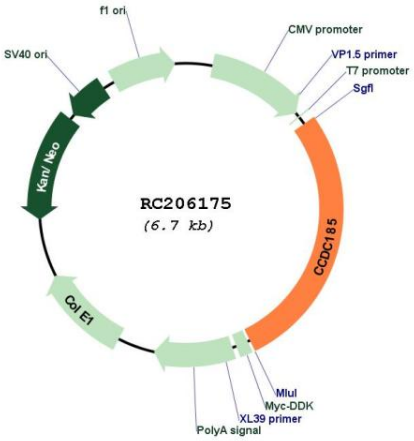
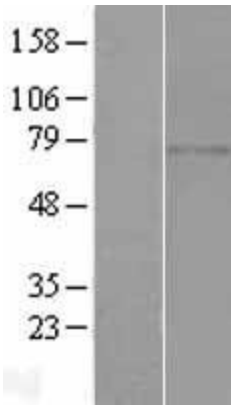
Locus ID:	164127
UniProt ID:	Q8N715
Cytogenetics:	1q41
MW:	72.4 kDa

Product images:



Circular map for RC206175



Western blot validation of overexpression lysate (Cat# [LY407415]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC206175 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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