

Product datasheet for RC205215

C20orf141 (NM_080739) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C20orf141 (NM_080739) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C20orf141
Synonyms:	dj860F19.4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC205215 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACCCGGCTCTGCTTACCCAGACCCGAAGCACGTGAGGATCCGATCCCAGTTCCTCCAAGGGGCCTGG
 GTGCTGGGGAGGGGTCAAGTAGTCCAGTGCCTCCACCTGTATCCACCTGGGGCCCTAGCTGGGCCACGT
 CCTGGACAGTGTCTATGGCTGGGGCACTAGGACTGACAATCCAGGCAGTCTTTCCACCACTGGCCCA
 GCCCTGCTGCTCTTCTGGTCAGCTTCTCACCTTTGACCTGCTCCATAGGCCCGCAGGTCACACTCTGC
 CACAGCGCAAACCTCTCACCAGGGGCCAGAGTCAGGGGGCCGGTGAAGGTCCTGGACAGCAGGAGGCTCT
 ACTCCTGCAAAATGGGTACAGTCTCAGGACAACCTAGCCTCCAGGACGCACTGCTGCTGCTCATGGGG
 CTGGGCCCCGCTCCTGAGAGCCTGTGGCATGCCCTTGACCTGCTTGGCCTGGCTTCTGCCTCCATCCTT
 GGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205215 protein sequence Red=Cloning site Green=Tags(s)
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MTRLCLPRPEAREDPIPVPPRGLGAGEGSGSPVRPPVSTWGPSWAQLLDSVLWLGLGLTIQAVFSTTGP
 ALLLLLVSFLTDFLLHRPAGHTLPQRKLLTRGQSQGAGEGPGQEALLQMGTVSGQLSLQDALLLLLMG
 LGPLLACGMPLTLLGLAFCLHPWA

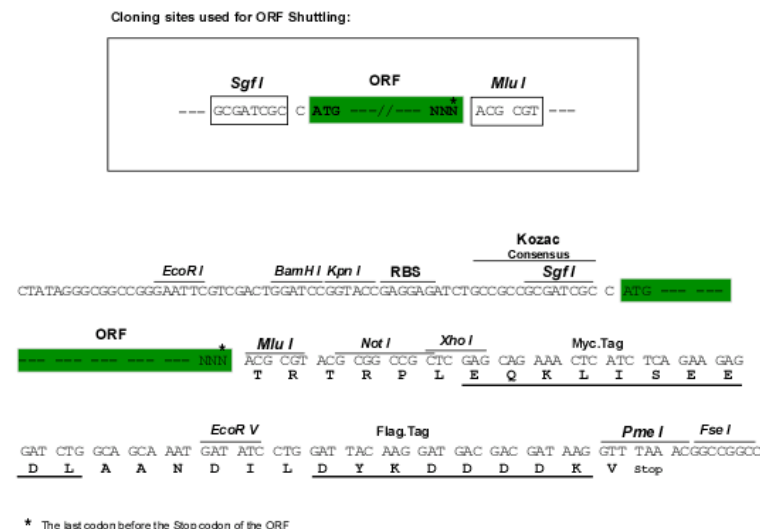
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:	https://cdn.origene.com/chromatograms/mk6314_d08.zip
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[View online »](#)

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM 080739

ORF Size: 495 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.

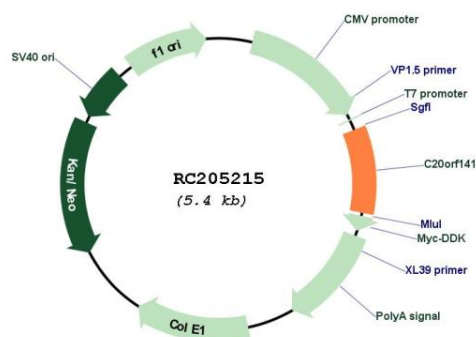
RefSeq: NM 080739.2, NP 542777.1

RefSeq Size: 741 bp

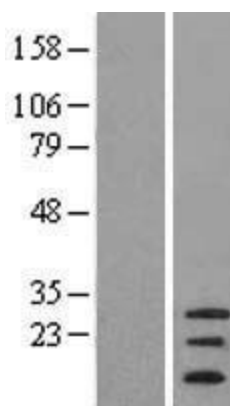
RefSeq ORF: 498 bp

Locus ID: 128653
UniProt ID: [Q9NUB4](#)
Cytogenetics: 20p13
MW: 17.4 kDa

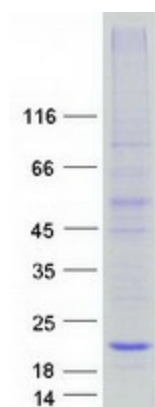
Product images:



Circular map for RC205215



Western blot validation of overexpression lysate (Cat# [LY409056]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205215 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified C20orf141 protein (Cat# [TP305215]). The protein was produced from HEK293T cells transfected with C20orf141 cDNA clone (Cat# RC205215) using MegaTran 2.0 (Cat# [TT210002]).