

Product datasheet for **RC220068**

CCDC30 (NM_001080850) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC30 (NM_001080850) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CCDC30
Synonyms:	PFD6L; PFDN6L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC220068 representing NM_001080850
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGCCAAGAAAAAATGAAATGTTTGAAAGTGAGTGGTCAAAAGAGAGAGAGAGAGAAGCAGTTGG
CATCTGGTCTTGACACTGCAGAGAAGGCCCTTGAAAGTTGAAAGTGAGGAATTGCAAAAAATCAAAGTCAGA
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ACACATGGTATACAAGAACAAGCAAAAAGTCAAGAACTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC220068 representing NM_001080850
Red=Cloning site Green=Tags(s)

MSQEKNEFSEWSKEREREKQLASGLDTAEKALKVESEELQKSKSELICLYNEVHNLPGESESKDHFLI
ACDLLQRENSELETKVLKLSQEFANHFLLGGKTAPSNLITSENTCKDPESNEPILETEIQSRKEETEE
LCPKLGGERKQKEIPEESVKEGSFPREGQKEEGSQNRDMKDEEKEQQLTMKPEEIVRLREELSHINQSL
QSQSSGDSDDSGAHPSSGKELKYNQGEVQQLHQNHLRLQILCNSAENELRYERGQNLDLKQHNSLLQ
EENIKIKIELKHAQQKLLDSTKMCSSTAEYKHCQQKIKELLEVLTHTQSIKSNLQEKLVQEKSKVA
DAEEKILDQRKLEHAHKVCLTDTICISEKQLEEKIKEATQNEAKVKQQYQEEQQKRKLLYQNVDELHRQ
VRTLQDKENLLEMTCSQQSRIQQQEALLKQLENEKRKYDEHVKSQELSEKLSKLQQEKEALREEYLRL
LKLLNVHVRNYNEKHHQKVKLQKVKYRLTNEVELRDKRINQFEDEIGILQHKIEKEKAIQDQITAQNDT
LLLKRRKLEQVIEQEQLIHSNKWTISSIQSRVLYMDKENKQLQENSLRLTQQIGFLERIIIRSIHRRGE
NLKEFPVPKWWHRGKLASLPPTKKQKEIYSTEVFSTNNAELQHEDESVPATEKWKHSEQMETTISDILE
SEVVNEILPLSNSFSGKGLVESFASLQETEEIKSKEAMASSKSPEKSPENLVCSQNSEAGYINVASLKE
THGIQEQQDKSEL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8020_d04.zip

Restriction Sites: Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001080850

ORF Size: 2349 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_001080850.3](#)

RefSeq Size: 2600 bp

RefSeq ORF: 2352 bp

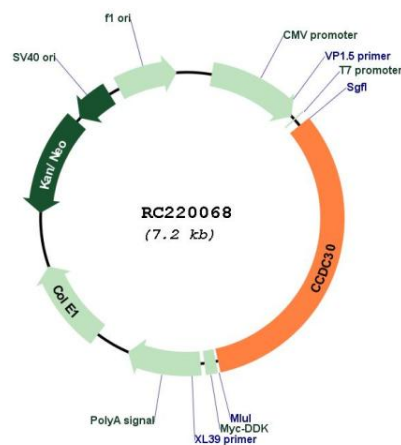
Locus ID: 728621

UniProt ID: [Q5VVM6](#)

Cytogenetics: 1p34.2

MW: 91.2 kDa

Product images:



Circular map for RC220068