

Product datasheet for **RC214293**

CCDC150 (NM_001080539) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC150 (NM_001080539) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CCDC150
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC214293 representing NM_001080539 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTGTAAGGTACATATGGAACTACAGTGTCCAGACCGGTCCTTTCTCAACCCACATCAACGCTA
CAGTTTCTGAAACATTCACAGTACTTCAGCAAAGGATGAGAATAGTTGAGGAACAGACCAGTTCACTGAG
GGATGACCTAATAATGTTGGATTTTGGTGAAAAAGAGGCTATTTGGAAGCTCCAGACTGTTTAGAAGAC
CTGGACAGCCAGAAAGTCATTAGTCTATCCAAAATGAAGCAATTTGTCAGGAAAAACAGATATTTTAT
GGAAGAAGTGTGAGTTTCTGGTAAATCGAATGTGCCGCTTTGAAAGCCTCATGCAGTCCTGAAGATGAA
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TGAGAGCTGTAAGAGGGAAGAAGACAAGGCACAAGATGAGGTGCAAAGTTGACTGCCACTCTGAAGAT
TGCCTCGCAGACAAGAAGAATGCAGCCATTATTGAAGAGGAACTGAAGACCACAAAACGTAATAATGAAC
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TGATTACCATGGGCTTGCCCAACAGAAGGTGGAATAAATCACTGAAAGTAAAAATAAACTGGCCTATGAA
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 GGTACAGAGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214293 representing NM_001080539

Red=Cloning site Green=Tags(s)

MDCKVHMETTVSRPVLSPHINATASETFTVLQQRMRIVEEQTSSLRDDLIMLDFGEKRGYLEAPDCLED
 LDSQKVISPIQNEAICAGKTDILWKNCEFLVNRMCRLLESLMQLKMNIFRLQTEKDLNPQKTAFLKDRLN
 AIQEEHSKDLKLLHLEVMNLRQQLRAVKEEEDKAQDEVQRLTATLKIASQTKKNAIIIEELKTTKRKMN
 LKIQELRRQLAQEKYLRSLKESASAMLLKIQEMGSTVEVERKQVHILQQNCIALRDSIQSAQELLAQEQ
 KKKEELEIATSQKSDLTSRDDLISKLVENKNLQISFNKEHEENAYLRSEIMSLHEASEKAQVLDQLT
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 LEKVQIELGRDSEIAGLKKERDLNQRVQKLEAEVDQWQARMLVMEDQHNSIEISLQKALGVAREDNRK
 LAMSLEQALQTNHLQTKLDHIQEQLSKELERQNLLETFKDRMTEESKVEAELHAERIEALRKQFQTERE
 TTKKVAQREVAELKKALDEANFRSVEVSRTNRELQKLAELKILESNKEKIKNQKTQIKLHL SAKANNA
 QNIERMKQIEKELKQEMELIKDQYQKKNYEQSLSIQRFCVCEMNLQKEMQMLAKSQYDASVRNKQQLHLE
 AERKIRQELNRCQELEETVRHLKCKEATENTLKEASVESEQITANLEEAHRWFKHRFDGLQLELTKNR
 LQRPSGEDRWQEKDQDVKHDVMSNSVLRWERKQNLRPMPKKYHSEVQRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8005_e12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001080539

ORF Size: 3303 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_001080539.2](#)

RefSeq Size: 3685 bp

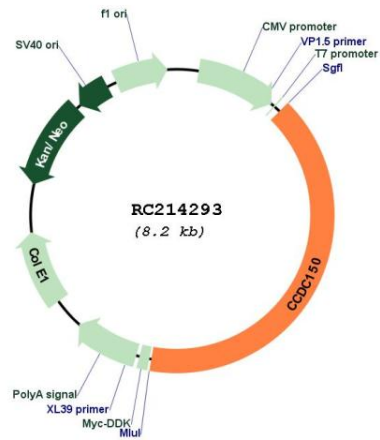
RefSeq ORF: 3306 bp

Locus ID: 284992

UniProt ID: [Q8NCX0](#)

Cytogenetics: 2q33.1
 Protein Families: Protease
 MW: 128.6 kDa

Product images:



Circular map for RC214293