

Product datasheet for RC211045

C6orf129 (CCDC167) (NM_138493) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C6orf129 (CCDC167) (NM_138493) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C6orf129
Synonyms: C6orf129; HSPC265
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC211045 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTAAAAGAAGCGGGAGAATCTGGGCGTCGCTCTAGAGATCGATGGGCTAGAGGAGAAGCTGTCCC
AGTGTCCGAGAGACCTGGAGGCCGTGAAGTCCAGACTCCACAGCCGGGAGCTGAGCCAGAGGCCAGGAG
GTCCCTGGAGAAGGAGAAAAACAGCCTAATGAACAAAGCCTCCAACACGAGAAGGAACTGAAGTTTCTT
CGGCAAGAGAACCGGAAGAACATGCTGCTCTGTGGCCATCTTATCCTCCTGACGCTCGTCTATGCCT
ACTGGACCATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC211045 protein sequence
Red=Cloning site Green=Tags(s)
MTKKKRENLGVALEIDGLEEKLSQRRDLEAVNSRLHSRELSPARRSLEKEKNSLMNKASNYEKELKFL
RQENRKNMLLSVAIFILLTLVYAYWTM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6378_c07.zip

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_138493

ORF Size: 291 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_138493.3](#)

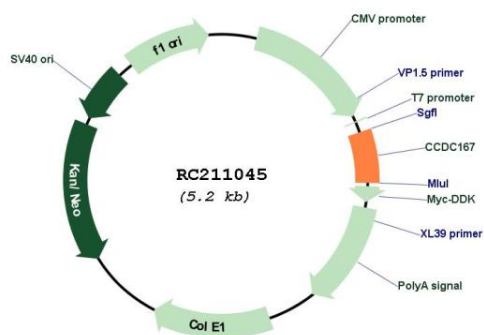
RefSeq Size: 637 bp

RefSeq ORF: 294 bp

Locus ID: 154467

UniProt ID: Q9P0B6
 Cytogenetics: 6p21.2
 Protein Families: Transmembrane
 MW: 11.5 kDa

Product images:



Circular map for RC211045