

Product datasheet for RC205729

C7orf33 (NM_145304) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C7orf33 (NM_145304) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C7orf33
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC205729 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAAGTGGAGTTCAAAGCCTCAGCCTTGAAGAGTGTCCCTGGAGACTTCCAGGCCCAATGTGAAT
GTGAAGCCCTCCTGCCAGTGGGGCAAGCGCCGGATTGACCTTCGCTGAGTGGGAGGGCAGTCGCTGT
TTGGGTCCACGTTAGGGCGGTCCAGGCAATTTAACTTGTGCATATGCCACGGGAAGACATAAGAAGCCA
AACCCACACAAAACATGAACCGGGGATGGAATTTATTGCTCCTGTATCAGCTCCACCAAATCTGGTG
CCCCGTGGCATTCTTTCTCAAGGTCCCACGGATGCCAGAGAGCAGTCAGAATCAGGCCAGGCACCAG
GATGGGCTTGTCTCAGATCCAGTTGTCCGCACCTTGTCTCCAGTTACCTAGATCTGCTAACTCTCTCT
TACAAGCCTGGGAGGACAGTGACAAGTTCATACCTAAACGTACGTGGGCATGAAGTAAGAAAGCTCCAGA
ATTCTGTTGAGGCCACAAGGATTCCAGAACTGACAGCAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC205729 protein sequence
Red=Cloning site Green=Tags(s)

MQVEVQSLSLEECPWRLPGPQCECEALLPSGARRRIDLRLSGRAVAVVHVHVRGGPGQFNLSYATGRHKKP
NPHQNMNRGMEFIAPVSAPTKSGAPWHFLSQGPTDAQRAVRIRPGTRMGLSSDPVVGTLSSYL DLLLTL
YKPGRTVTSSYLNVRGHEVRKLQNSVEATRISRDTSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6437_a05.zip

Restriction Sites: SgfI-MluI

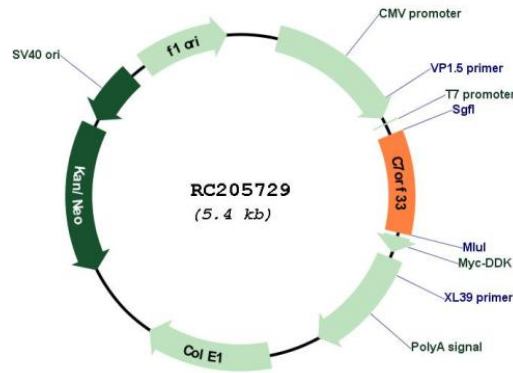


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Cloning Scheme:



Plasmid Map:



ACCN: NM_145304

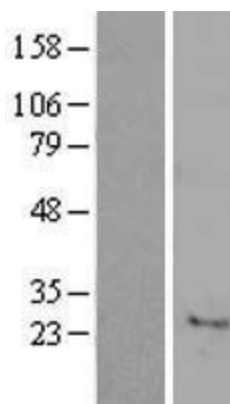
ORF Size: 531 bp

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.

RefSeq: [NM_145304.4](#)

RefSeq Size: 1374 bp
RefSeq ORF: 534 bp
Locus ID: 202865
UniProt ID: [Q8WU49](#), [A0A090N8Y1](#)
MW: 19.5 kDa

Product images:

Western blot validation of overexpression lysate (Cat# [LY407953]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205729 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).