

Product datasheet for **RC227569**

C6orf141 (NM_001145652) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6orf141 (NM_001145652) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C6orf141
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC227569 representing NM_001145652 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATGACCCTTTTCCAGGATGGAGACCCGGGGCCTCAGGGAGCTGCGAATCCCATGGACTCCTCCC
GCAGCCTGGGGACCTCGGGCCTTTCCGCGGGAGGTAGGGCGCGGGGCTCCGCTAGCTCCGGCGCCCC
GAATCCCGCGACGGCAGGGCGAGCCGAAGCCAGGGCGCGGCCACGAGGACAGAACGGCAGATCGGGCC
CTCGGACCTCGGGCCGGGAGGAATTGGACCGTGAGTCCTGGGTGAGAGAGAAAGTGCTCTTCTCCTGC
ACCCAGAGAGGTGGTTAGGGACTCGAGGGGACCTGCACGGGAAGAGGTGGCCGGTGACAGGACCTTCC
TCATGCGGGTGGAGAGGACCACGGCGAGGAGCCCACTACCTTCTGTCTTTCAACGAGAAAAGCGAATT
TCTGGCAGGCGGTAGCCCCGCCGCGGGACGCAGCAGACCCACCAAATACGTGCTTGTGCGGGTGGAGG
ATTATCAGGTAACACAAGAAGTGTTCAGACCTCCTGGGCCAAGGGTCGCATGACCACGAGGACTGAGGA
GCACTTCGTGACCGCGCTCACTTTTCGAGCAGTAGAGAGGGACAGCCTGGGGAACGCTGGGGCCCTGCT
GAATCCCGGGCTCTCCAGGCACGAACAGGGGCATCCCGCGTCCACGCCGCGGGGAGGAGGTTTCACCGT
CTCCAGGGAATTGGCTCGAGGAAATTAATCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC227569 representing NM_001145652
 Red=Cloning site Green=Tags(s)

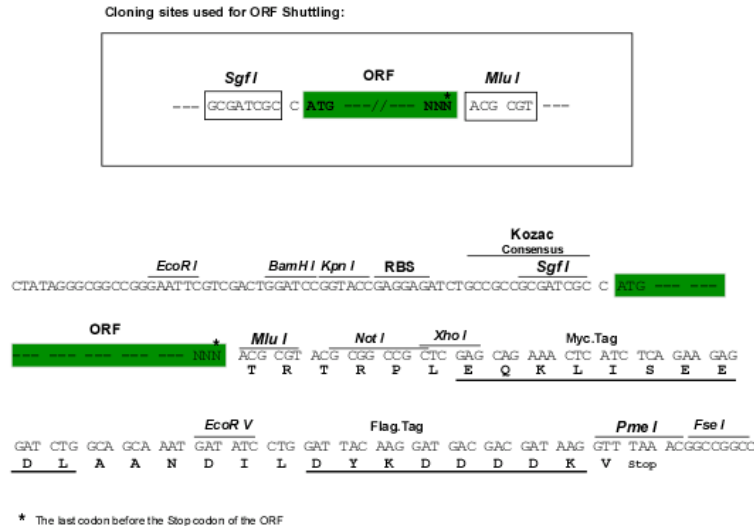
MNDPFARMETRGPGQAANPMDSSRSLGDLGPFPREVGRGAPLAPGARNPATAGASRSQGGGHEDRTADRA
 LGPRAGEELDRESWVREKVLFLHPERWLGRGDPAREEVAGAEDLPHAGGEDHGEEPYNPSVFQREKRI
 SGRRVAPPRDAADPPKYVLVRVEDYQVTQEVLTQSWAKGRMTTRTEEHFVTALTFRSSREGQPGERWGPA
 ESRALQARTGASRVHAAGRRVSPSPGTWLEEIKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8100_g02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_001145652

ORF Size: 732 bp

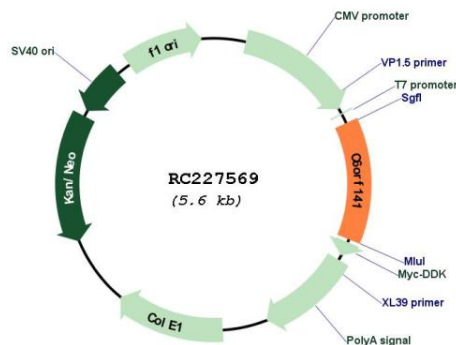
OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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:	<ol style="list-style-type: none"> 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:	<u>NM_001145652.1, NP_001139124.1</u>
RefSeq Size:	1696 bp
RefSeq ORF:	735 bp
Locus ID:	135398
UniProt ID:	<u>Q5SZD1</u>
Cytogenetics:	6p12.3
MW:	26.8 kDa

Product images:



Circular map for RC227569