

Product datasheet for **RC237267**

C11orf54 (NM_001286070) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C11orf54 (NM_001286070) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C11orf54
Synonyms:	PTD012; PTOD012
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237267 representing NM_001286070 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGAAGGGTTAAAAGATAACTTTGCTGATGTCCAGGTCTCTGTAGTTGATTGCCCTGATTTGACTA
AGGAACCCTTTACCTTTCTGTAAAAGGCATCTGTGGGAAAAGTGAATGCAGAAGTTGGAGGTGTGCC
TTACTTATTGCCTCTTGTAAACCAAAAAAAGTTTATGATCTGAATAAAATTGCAAAAGAAATCAAGCTG
CCTGGAGCCTTTATTCTGGAGCAGGAGCAGGTCCATTTCACTGCTCGGTTCAATTCTGAGTTTATGC
CAGTTATTCAGACAGAAAGTGAACACAAGCCTCCTGTAATGGAAGTTACTTTGCCCATGTGAACCCCTGC
AGATGGAGGGTGCCTACTGGAGAAATACAGTGAGAAATGTCATGATTTTTCAGTGTGCATTACTGGCTAAT
CTTTTTGCCAGTGAAGGCCAACCTGGCAAGGTAATTGAGGTGAAAGCCAAAAGAAGAACTGGACCACTTA
ACTTTGTGACTTGTATGAGAGAGACCCTGGAAAAACATTATGAAATAAGCCTATAGGAATGGGAGGTAC
TTTCATAATTGAGAAGGGAAAAGTGAAGTCTCACATTATGCCTGCAGAATTTTCTCCTGCCCTTGAAC
TCTGATGAAGAAGTGAATAAATGGTTGCATTTTATGAAATGAAAGCTCCTTTGGTTTGTCTACCAAGTTT
TTGCTCCAGAGACCCAGGGTTTGATTTGCGACTGGAGCACATCATTTTTTTAGTCGTCATGGAGAAGG
TGGACACTACCATTATGACACTACTCCAGATATAGTGAATATCTTGATACTTCTACCTGCAGAGTTT
CTCTATCGCATTGATCAACCAAAAGAGACGCATTCAATTGGGCGAGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237267 representing NM_001286070
 Red=Cloning site Green=Tags(s)

MQKGLKDNFADVQVSVDPCDLTKEPFTFPVKGICGKTRIAEVGGVPYLLPLVNQKVVYDLNKAIEIKL
 PGAFILGAGAGPFQTLGFNFSEMPVIQTESEHKPPVNGSYFAHVPADGGCLLEKYSEKCHDFQCALLAN
 LFASEGQPGKVIIEVKAKRRTGPLNFVTCMRETLEKHYGNKPIGMGGTFIIQKGVKSHIMPAEFSSCPLN
 SDEEVNKLWLFYEMKAPLVCLPVFVSRDPGFDLRLLEHTHFFSRHGEGGHYHYDTPDIVEYLYGFLPAEF
 LYRIDQPKETHSIGRD

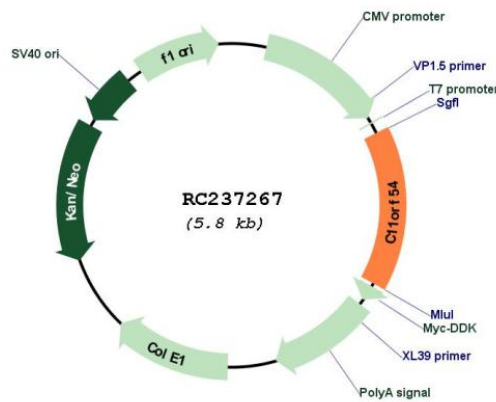
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001286070

ORF Size: 888 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:	<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:	NM_001286070.1 , NP_001272999.1
RefSeq Size:	2442 bp
RefSeq ORF:	891 bp
Locus ID:	28970
UniProt ID:	Q9H0W9
Cytogenetics:	11q21
MW:	33.5 kDa
Gene Summary:	Exhibits ester hydrolase activity on the substrate p-nitrophenyl acetate.[UniProtKB/Swiss-Prot Function]