

Product datasheet for **RR202504**

F3 (NM_013057) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: F3 (NM_013057) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: F3
Synonyms: MGC93621
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR202504 representing NM_013057
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTATCCCCATGCGCCCGCCTCCTAGCGGCCCTCGCGCCACCTTCTCGGCTTCCTTCTCCTTC
AGGTGGCCGCTGGTGCAGGCACTCCTCCAGGGAAAGCGTTAATTTAACTGGATATCAACTGATTTCAA
GACAATCTTGGAGTGGCAACCGAAACCCACCACTATACTACTGTTTCAGATAAGCGATAGATCTAGA
AACTGGAAATACAAATGCACTGGAACCACAGACTGAGTGTGACTCACCGACGAGATTGTGAAGGATG
TGAAGTGGACCTATGAAGCAAGGTCCTATCTGTCCCATGGAGGAACTCAACTCATGGAAAGGAAACACT
CTTTGGAACTCATGGGAGGAACCGCCATTTACAAATGCCCGGAAGTTTTTACCTTACCGAGACACAAAA
ATTGGACAGCCAGTAATTCAGAAGTATGAACAAGACGGTACGAACTGAAGGTGACTGTAAAAGACTCAT
TTACATTAGTCAGAAAGAATGGTACATTCCTCACTCTGCGGCAAGTTTTTGGCAATGACTGGGTTATAT
TCTTACGTATCGGAAAGACTCAAGCACAGGAAGGAAAACAACTACACATACCAATGAATTCCTGATT
GATGTGGAAAAGGGGTAAGCTACTGCTTCTTCGTACAAGCCGTGATTTTCTCCAGGAAAACACTACATCATTGT
AGAGCCCAGAAAGCATCACCAAGTGCAGTGAAGGAGTGTCTGGGAGAAACACTCATCATTGT
GGGAGCAGTGGTGTCTGGTCACTGTCTTTATCATCCTGCTGACCATATCTCTGTGCAAGCGCAGAAAG
AACAGAGCAGGACAGAAAAGGAAGAACACCCCGTCGCGCTTGGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR202504 representing NM_013057
 Red=Cloning site Green=Tags(s)

MAIPMRPRLAALAPTFLGFLLLQVAAGAGTPPGKAFNLTWISTDFKTIIEWQPKPTNYTYTVQISDRSR
 NWKYKCTGTTDTECDLDEIVKDVNWTYEARVLSVPWRNSTHGKETLFGTHGEEPPFTNARKFLPYRDTK
 IGQPVIQKYEQDGTCLKVTKDSFTLVRKNGTFLTLRQVFGNDLGYILTYRKDSSTGRKTNTHHTNEFLI
 DVEKGVSYCFFVQAVIFSRKTNHKSPESITKCTEQWKSVLGETLIIVGAVVFLVTVFIILLTISLCKRRR
 NRAGQKRKNTPSRLA

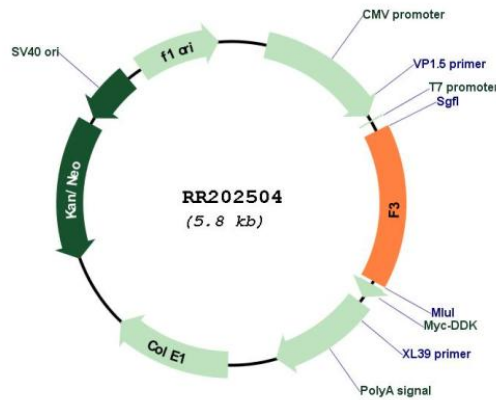
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_013057

ORF Size: 885 bp

OTI Disclaimer:	<p>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.</p> <p>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</p>
OTI Annotation:	<p>This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.</p>
Components:	<p>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).</p>
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:	<p>NM_013057.2, NP_037189.2</p>
RefSeq Size:	<p>1798 bp</p>
RefSeq ORF:	<p>888 bp</p>
Locus ID:	<p>25584</p>
Cytogenetics:	<p>2q41</p>
MW:	<p>33.5 kDa</p>
Gene Summary:	<p>an initiation factor for blood coagulation; plays a critical role in hepatic ischemic reperfusion injury [RGD, Feb 2006]</p>