

## Product datasheet for **RR203035**

### Sepsecs (NM\_001128287) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sepsecs (NM_001128287) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sepsecs
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR203035 representing NM\_001128287  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAACCCGAGAGCTTCGCGGCTGGCGAGCGCGGGTACTCCAGCTTACGTGAGCGAGGTTGTGAGG  
 CTGCGCGCGCACACGAGCACCTCATCTGGCTGCTTATAGAGCAGGCAAGTGCCAGAGGATGGCTGGGA  
 TGAAAGTACACTCGAACTCTTTCTGCATGAGCTTGCAGTCATGGATAGCAACAATTTCTGGGTAATTGT  
 GGTGTGGGAGAAAGGGAAGGAGAGTGGCCTCTGCTTTGGTTGCTCGTCGTCATTACAGGTTTATCCATG  
 GAATTGGACGATCTGGTATATTCTGCTGTACAACAAAAGCTGCAGGCTCTAGCCTCTTGAACAAAAT  
 TACTAATCTTTGGTCTTAATGTCATAAAGCTGGCTGGTGTTCATTAGTGCCAGTTGCTTTGTAGTT  
 CCTATGGCAACTGGGATGAGTCTAACCTGTGTTTCTAACACTGCGACACAAAAGCCGAAGGCCAAGT  
 ATATCATATGGCCACGGATAGATCAGAAGTCTGCTTTAAGTCCATGGTCACTGCAGTTTTGAACCCGT  
 GGTAATAGAAAAATGATTGGAAGGCGATGAGCTGCGCACAGACCTGAAAGCCGTGGAGGCAAAAATCCAG  
 GAGCTTGGGCCTGAGCATATCCTGTGCCTTCACTTACCACAGCCTGTTTTGCTCCAAGGGTGCCTGATA  
 GATTAGAAGAAGTGGCTGTGATTTGTGCTAATTATGACATTCCGCATGTAGTCAACAACGCTTACGGATT  
 ACAGTCTTCAAAGTGCATGCATCTCATTAGCAGGGGGCTCGAGTTGGTAGAATTGACGTTTTCTGTCAG  
 AGCTTGGACAAAAATTTATGGTCCAGTAGGTGGTGTATAATTGCTGGCTTTAATGATTCCTTCATTC  
 AGGAAATCAGCAAGATGTATCCAGGAAGAGCTTCAGCTTCGCCATCCTTAGAGCTCCTCATCACCTTGT  
 GTCACCTCGGCTGCAATGGCTACAAGAAGCTGTTGAAGGAGAGAAAGGAAATGTTTGCCTATTTATCCACC  
 CAACTACAGAAGTTGGCAGAGGCCACAATGAAAGACTACTGAAGACACCTCACAAACCCATATCCTTAG  
 CTATGACACTTGAGACGCTAGATGGGCACCAAGACAGAGCTGTCACGCAGCTTGGCTCAATGCTTTTTTAC  
 CAGACAGGTCTCTGGAGCCAGGGCTGTGCCTCTTGGGTCTGTGCAAACTGTGAGTGGCCATACTTTCCGA  
 GGCTTCATGTCCACACAGATAATTACCCTGTGCTTACCTCAATGCAGCCGAGCCATCGGGATGAAGG  
 TGCAGGATGTGGACCTGTTATAAAGAGACTTGACAAGTGTTTAAACACAGTAAGGAAAGAACAGAGGAA  
 AGCAAGTGTGTCTGGAGCTGACGGCAACAAGCTGAAGATGCCGACGTTGAGGAAATGGCTTTGAAA  
 CTAGATGATGTGCTTGGTACGTGGACCGAGGCCCTGCTTTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR203035 representing NM\_001128287  
 Red=Cloning site Green=Tags(s)

MNPESFAAGERRVTPAYVRQGEARRAHEHLIWLLEIQGKCPEDGWDESTLELFLHELAVMDSNNFLGNC  
 VGGEREGRVASALVARRHYRFIHGIGRSGDISAVQPKAAGSLLNKITNSLVLNVIKLAGVHVSASFV  
 PMATGMSLTLCFLTLRHKRPKAKYIIWPRIDQKSCFKSMVTAGFEPVVIENVLEGDELRTDLKAVEAKIQ  
 ELGPEHILCLHSTTACFAPRVPDRLEELAVICANYDIPHVNNAYGLQSSKCMHLIQGARVGRIDVVFQ  
 SLDKNFMPVPGGAIAGFNDSFIQEI SKMYPGRASAPSLDVLITLLSLGCNGYKLLKERKEMFAYLST  
 QLQKLAEAHNERLLKTPHNPI SLAMTLETLDGHQDRAVTQLGSMLFTRQVSGARAVPLGSVQTVSGHTFR  
 GFMSHTDNYPCAYLNAAAAIGMKVQDVDLFIKRLDKLNTVRKEQRKASAVSGADGNKAEDADVEEMALK  
 LDDVLGHVDRGPAL

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: NM\_001128287

ORF Size: 1512 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\\_001128287.2](#), [NP\\_001121759.1](#)

RefSeq Size: 3559 bp

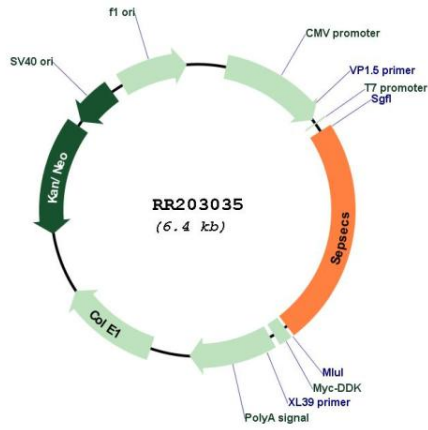
RefSeq ORF: 1515 bp

Locus ID: 679383

Cytogenetics: 14q11

MW: 55.3 kDa

Product images:



Circular map for RR203035