

Product datasheet for **RN203035**

Sepsecs (NM_001128287) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN203035 representing NM_001128287
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACCCGAGAGCTTCGCGGCTGGCGAGCGCGGGTACTCCAGCTTACGTGAGGCAGGGTTGTGAGG
CTCGGCGCGCACACGAGCACCTCATCTGGCTGCTTATAGAGCAGGGCAAGTGTCCAGAGGATGGCTGGGA
TGAAAGTACACTCGAACTCTTTCTGCATGAGCTTGCAGTCATGGATAGCAACAATTTCTTGGTAATTGT
GGTGTGGGAGAAAGGGAAGGAGAGTGGCCTCTGCTTTGGTTGCTCGTCGTCATTACAGGTTTCATCCATG
GAATTGGACGATCTGGTATATTCTGCTGTACAACAAAAGCTGCAGGCTCTAGCCTCTTGAACAAAAT
TACTAATCTTTGGTCTTAATGTCATAAAGCTGGCTGGTGTTCATTAGTGGCCAGTTGCTTTGTAGTT
CCTATGGCAACTGGGATGAGTCTAACCTTGTGTTTCTAACACTGCGACACAAAAGCCGAAGGCCAAGT
ATATCATATGGCCACGGATAGATCAGAAGTCTGCTTTAAGTCCATGGTCACTGCAGTTTTGAACCCGT
GGTAATAGAAAAATGATTGGAAGCGATGAGCTGCGCACAGACCTGAAAGCCGTGGAGGCCAAAAATCCAG
GAGCTTGGGCCTGAGCATATCCTGTGCCTTCACTTACCACAGCCTGTTTTGCTCCAAGGGTGCCTGATA
GATTAGAAGAAGTGGCTGTGATTTGTGCTAATTATGACATTCCGCATGTAGTCAACAACGCTTACGGATT
ACAGTCTTCAAAGTGCATGCATCTCATTAGCAGGGGGCTCGAGTTGGTAGAATTGACGTTTTGTTTCAG
AGCTTGGACAAAAATTTATGGTCCAGTAGGTGGTGTATAATTGCTGGCTTTAATGATTCCTTCATTC
AGGAAATCAGCAAGATGTATCCAGGAAGAGCTTCAGCTTCGCCATCCTTAGACGTCCTCATCACCTTGT
GTCACCTCGGCTGCAATGGCTACAAGAAGCTGTTGAAGGAGAGAAAGGAAATGTTTGCCTATTTATCCACC
CAACTACAGAAGTTGGCAGAGGCCACAATGAAAGACTACTGAAGACACCTCACAAACCCATATCCTTAG
CTATGACACTTGAGACGCTAGATGGGCACCAAGACAGAGCTGTCACGCAGCTTGGCTCAATGCTTTTTTAC
CAGACAGGTCTCTGGAGCCAGGGCTGTGCCTCTTGGGTCTGTGCAAACTGTGAGTGGCCATACTTTCCGA
GGCTTCATGTCCACACAGATAATTACCCTGTGCTTACCTCAATGCAGCCGAGCCATCGGGATGAAGG
TGCAGGATGTGGACCTGTTATAAAGAGACTTGACAAGTGTTTAAACACAGTAAGGAAAGAACAGAGGAA
AGCAAGTGTGTCTGGAGCTGACGGCAACAAGCTGAAGATGCCGACGTTGAGGAAATGGCTTTGAAA
CTAGATGATGTGCTTGGTACGTGGACCGAGGCCCTGCTTTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001128287

Insert Size: 1515 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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