

Product datasheet for RN203062

Sirt3 (NM_001106313) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sirt3 (NM_001106313) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sirt3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203062 representing NM_001106313 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGGGGCTGGCATCAGCACACCCAGTGGTATCCCAGACTTCAGATCCCCAGGGAGTGGCCTCTACA
GCAACCTTCAGCAGTATGACATCCCGTACCCTGAGGCCATCTTTGAACTAGGCTTCTTTTTTCAACCC
CAAGCCCTTTTTACGTTGGCCAAGGAGCTGTACCCTGGGCACTACAGGCCCAATGTCGCTCACTACTTC
CTTCGGCTGCTTCAGACAAGGAGCTGCTTCTGCGGCTCTACACACAGAACATCGACGGGCTTGAGAGAG
CATCTGGTATCCCTGCCTCAAAGCTGGTTGAAGCTCATGGTCTTTGTATCAGCTACGTGCACGGTCTG
TCGAAGGTCCTTCCAGGGGAAGACATACGGGCTGACGTGATGGCAGACAGGGTGCCCGCTGCCCTGTC
TGTAAGGCTTGTGAAACCTGACATTGTGTTCTTTGGGAGCAGCTGCCAGCAAGGTTCTTACTACATG
TGGCTGATTTGCTTGGCAGATCTGCTACTATTCTTGGGACCTCCCTGGAGGTGGAGCCTTTGCCAG
CTTGTCTGAATCGGTACAGAAATCAGTGCCCGACTGCTCATCAATCGAGACTTGGTGGGGTCTTTGCT
CTGAGTCTCGAAGGAAAGATGTGGTCCAGCTAGGGATGTAGTCCAGGGTGTGAAAGGCTGGTGGACC
TCCTGGGGTGGACACAAGAGCTGCAGGATCTCATCCAGCGGGAAAATGAAAAGCTGGATGGACAGGACGG
ATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001106313
Insert Size:	774 bp



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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:	<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_001106313.2</u> , <u>NP_001099783.1</u>
RefSeq Size:	1393 bp
RefSeq ORF:	774 bp
Locus ID:	293615
Cytogenetics:	1q41