

Product datasheet for **RR204185**

Slitrk5 (NM_001107284) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slitrk5 (NM_001107284) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slitrk5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR204185 representing NM_001107284
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACGTTTGTGCCCCAGTAACTTTGGAACAGGACCTTCACAGAAAAATGCATAGCTGGATGCTGC
 ACACCCTAGCATTGCTGTAACATCTCTCGTCCTCCTGTGCAGAAACCATCGATTATTATGGGAAAT
 CTGTGACAATGCATGTCCTTGTGAGGAAAAGGACGGCATTTTAACTGTGAGCTGTGAAAACCGAGGGATC
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 ACCGCCTCTATCCCAATGAGTTTGTAAATTACTGGGGCTTCAATTTTACATCTGGGTAGCAATGTTAT
 CCAAGACATTGAGACCGGGCTTTCCATGGGCTGCGGGTGTGAGGCGACTGCATCTAAACAATAATAAA
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 CCTCTTGTGAGGTTACCAACAATCTTTCCGTTTTGTGCCCTAACGCACTTGGACTTGGGGGGAAC
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 AAAACCCCTGGAATTGCTCATGTGAACTAATTTCTCTCAAGGATTGGTTGGACAGCATCTCTACTCAGC
 CCTTGTGGGCGATGTGGTCTGTGAGACCCCTTCCGTTTACATGGCAGGGATTTGGATGAGGTATCCAAG
 CAGGAACCTTGTCCAAGGAACTTATTTCTGACTATGAGATGAGGCCACAGACTCCTTTAAGCACCACGG
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 CCATCCCGGACCAACGCAGCAGCGACGCCGGCTGTGAAGTTAAATAGCACTGGGACCCCGCAGGCTTAG
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 GTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204185 representing NM_001107284
 Red=Cloning site Green=Tags(s)

MHVCCPPVTLEQDLHRKMHSWMLHTLAFVTSVLVLSCAETIDYYGEICDNACPCEEKDGILTVSCENRGI
 ISLSEISPPRFPIYHLLLSGNLLNRLYPNEFVNYTGASILHLGNSVIQDIETGAFHGLRGLRRLHLNANNK
 LELLRDDTFLGLENLEYLQVDYNYISVIEPNAFGKHLMLQVLIILNDNLLSGLPNNLFRFVPLTHLDLRGN
 RLKLLPYVGLLQHMDKVVELQLEENPWNCSELI SLKDWLDSISYSALVGDVVCETPFRLHGRDLDEVSK
 QELCPRKLI SDYEMRPQTPLSTTGYLHTTPASVNSVATSSSAVYKPKPKGTRQPNKPRVPTSRQPS
 KDLGYSNYGPSIAYQTKSPVPLECPTACTCNLQISDLGGLNVNCQERKIESIAELQPKPYNPKMYLTENY
 ITVVRRTDFLEATGLDLLHLGNNRISMIQDRAFGDLGNLRLYLNGNRIERLSPELFYGLQSLQYLFLQY
 NLIREIQSGTFDPVFNLLFLNQLQAMPQSGVFSGLTLLRLNLRNSFTSLPVSGVLDQLTSLIQIDL
 HDNPWDCICEVGMKLWIEQLKVGVLVDEVIKAPKFAETYMRSIKSELLCPDYSDVVSTPTPSSIQL
 PSRTNAAATPAVKLNSTGTPAGLGAGTASSVPLSVLILSLLLVFIMSVFVAAGLFVLMKRKRNQSDH
 TSTNNSDVSSFNMQYSVYGGGGGGGGHPHAHVHHRGSALPKVKTPAGHVVEYIPHPLGHMCKNPIYRSR
 EGNVSEYKDLHELKVTYSSNHHLQQQQPPPPQQPQQPPPPQLQLQPGEERRESHHLRSPAYSVSTIEP
 REDLLSPVQADRFYRGILEPKHCSTTPAGSSLPYKFPKPCSPAAYTFSPNYDLRRPHQYLHPGAGESR
 LREPVL YSPPGA VFEVPE NRNEYLEL KAKLNV EPDYLE VLEKQT TFSQF

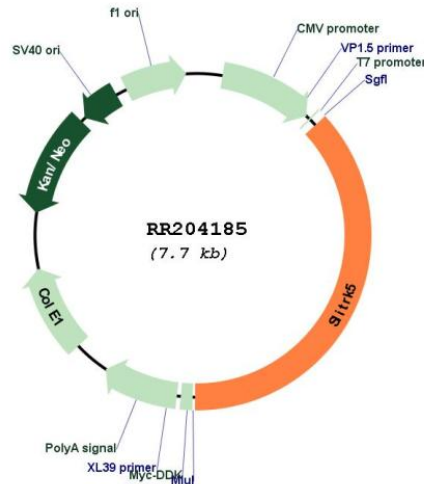
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001107284

ORF Size: 2874 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_001107284.1](#), [NP_001100754.1](#)

RefSeq Size: 4822 bp

RefSeq ORF: 2877 bp

Locus ID: 306152

Cytogenetics: 15q23

MW: 107.3 kDa