

Product datasheet for **RR208382**

Mex3c (NM_001107377) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mex3c (NM_001107377) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mex3c
Synonyms:	Rkhd2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR208382 representing NM_001107377
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGGCGGCGATGCTGTCCACGCCTACGGCCCCGGCGGGGGCCGCCGCTGCCGCCCTGAACG
 GAGAGCAAGCGGCCCTGCTGAGAAGGAAGAGCGTCAACACCACCGAGTGGTCCCGGTGCCAGTCCCGA
 ACATGTCGCTGAGATTGTCGACGCCAGGGTTGAAAAATAAGCACTGAGAGCCAAAGACAAACACGTAT
 ATCAAGACACCTGTCGCGGTGAAGAGCCATTTTGTGTCCTGACTGGACGAAAGAAGATGTTGCCATGG
 CCAAGAGAGAAATCCTTCGCTGCAGAGCACTTCTATGATCCGTGCATCTCGGAACAAAAATGGCCC
 CGCGCTTGGAGGGTTATCGTGTAGTCCTAATCTGCCCGGTCAAACCACAGTCCAAGTCAGGGTCCCTAT
 CGTGTGGTAGGGTAGTGGTGGACAAAAGGAGCAACAATTAAGAGAATTCAGCAACAGACCCACACAT
 ACATAGTTACTCCGAGCAGAGATAAGGAGCCAGTCTTTGAAGTCACAGGGATGCCGAAAATGTTGATCG
 AGCAGGAGAAGAAATAGAAATGCATATTGCCATGCGTACAGGAACTATATAGAGCTCAATGAAGAAAAT
 GATTTCCACTATAACGGTACCGATGTGAGCTTTGAAGGTGGCACTCTAGGCTCTGCGTGGCTCTCTTCCA
 ATCCAGTTCCTCAAGCCGAGCAAGAATGATGTCCAATATCGAAATGATAGTTCTAGTTCTCTAGGAAG
 TGGTTCCTGATTCTATTTTGAAGCAATAGGCTGGCTGACTTTAGTCCAACAAGCCGTTTAGCACA
 GGAAACTTTTGGTTTGGAGATACACTACCGTCTGTAGGCTCAGAAGACCTTGAGTAGACTCTCCTGCCT
 TTGACTCTTTACCAACATCTGCTCAAATATCTGGACTCCATTTGAACCAGTTAACCACCTCTCTGGCTT
 TGGGAGTGATCCTTCTGGTAACATGAAGACTCAGCGTAGAGGAAGTCAGCCATCAACTCCTCGTCTGTCT
 CCTACCTTTCTGAGAGCATAGAACCACCTTGCTCGAAGGGTTAGGAGCGACCCACCTAGTACAGGCA
 ACCATTTGGCCCTCCAATATACATCCCTGCTTTTCTAATGGTACCAATAGTTATTCCTCTTCCAATGG
 TGGTTCCACCTCTAGCTCACCTCCAGAATCAAGAAGAAAGCACGACTGTGTGATTTGCTTTGAGAATGAA
 GTTATTGCTGCCCTAGTTCCATGTGCCACAACCTCTTCTGCATGGAATGTGCCAACAAGATCTGTGAAA
 AGAGAACGCCATCATGTCCAGTTTGCCAGACAGCTGTTACTCAGGCAATCCAAATCACTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR208382 representing NM_001107377
 Red=Cloning site Green=Tags(s)

MMAAML SHAYGPGGGGAAAAALNGEQAALLRRKSVNTTECVVPSSEHVAEIVGRQGCKIKALRAKTNTY
 IKTPVRGEEPIFVVTGRKEDVAMAKREILSAAEHFSMIRASRNKNGPALGGLSCSPNLPQGTTVQVRVY
 RVVGLVVGPKGATIKRIQQQTHYIVTPSRDKEPVFEVTGMPENVDRAREEIEMHIAMRTGNYIELNEEN
 DFHYNGTDVSFEGGTLGSAWLSNPVPPSRARMSNYRNDSSSLGSGSTDSYFGSNRLADFSPSTPST
 GNFWFGDTLPSVGSDELAVDSPAFDSLPTSAQTIWTFPEPVNPLSGFGSDPSGNMKTQRRGSQPSTPRLS
 PTFPESIEHPLARRVRSPPSTGNHVGLPIYIPAFSNGTNSYSSSNGGSTSSSPPESTRKHDCVICIFENE
 VIAALVPCGHNLFCMECANKICEKRTSPVCQTAVTQAIQIHS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

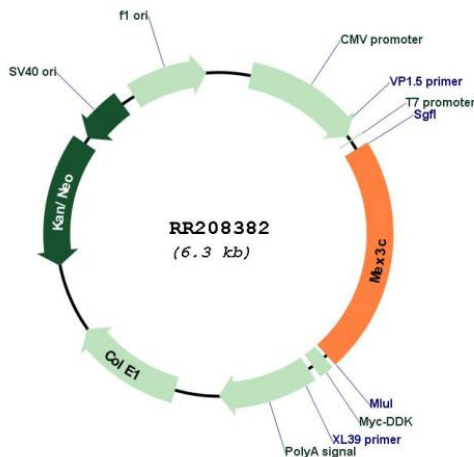
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001107377

ORF Size: 1392 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_001107377.1](#), [NP_001100847.1](#)

RefSeq Size: 3213 bp

RefSeq ORF: 1395 bp

Locus ID: 307271

Cytogenetics: 18q12.2

MW: 49.9 kDa