

Product datasheet for **RN216939**

Mex3b (NM_001191626) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mex3b (NM_001191626) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mex3b
Synonyms:	Rkhd3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216939 representing NM_001191626
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCCAGCTCGCTGTTTGCAGACCTGGAGCGCAACGGCAGCGCGCGCGGGGAGGCGCGCGGGG
 GAGGCGGCAGTGGCAGCGCGGGGAGAGACTCTGGATGACCAAAGAGCCCTGCAGCTTGCCTCGATCA
 GCTCTCCCTGTTGGGACTGGACAGTGATGAGGGCGCCTCTCTGTACGACAGCGAACCAGCAAGAAGAGC
 GTGAACATGACCGAGTGCGTGCCGGTACCCAGTTCCGAACACGTCGCGGAGATCGTAGGGCGCAAGGTT
 GTAAAATCAAAGCTTTGAGGGCGAAGACCAACACTTACATCAAGACCCAGTTGCGGGGAGGAGCCTGT
 CTTTGTGTGACGGGCAGGAAGGAGGATGTGGCTATGGCTCGGAGGAGATCATCTCTGCCGAGAGCAC
 TTCTCCATGATCCGAGCCTCTCGTAACAAGAACACCGCTCTCAACGGCGTGTGCCGGGCGCCCAATC
 TGCCGGGACAGACCACTATCCAAGTGAGGGTGCATACCGCGTGGTAGGGCTCGTGGTGGGGCCAAAGGG
 CGCCACGATCAAGCGCATTCAACAGCAGACACATACATATATTGTGACACCCAGCGAGACAAGGAGCCG
 GTTTTCGAGGTGACCGGGATGCCAGAGAACGTGGATCGCGCTAGAGAGGAGATCGAAGCTCACATCGCGC
 TGCGCACCGGTGGCATCATCGAGCTGACAGATGAGAACGACTTCCATGCCAATGGCACAGACGTGGGCTT
 TGATCTGCATCACGGGTCCGGCGGGTCCGGGCCGGGACGCTCTGGAGCAAAACCCACCCCAAGCATCACT
 CCTACCCTGGTCGAAGCCCTTCTCCAGCTATCGCAACGACAGCTCCAGCTCGTTGGCAGCGCATCCA
 CAGACTCTTACTTCGGAGGTGGGACGAGCGGCAGCACAGCGGCCACTTCACGCCTGGCGGACTACAGCCC
 TCCCAGCCCTGCACTCAGCTTTGCCACAATGGGAACAACAACAACGGAATGGTTACACCTACACA
 GCGGGGAAGCCTCAGTACCTTCCCGGATGGAGGTACTGAGCTTCAGCCTACTTTCGACCCAGCTCCTG
 CCCCACCACTGGGACACCCCTTCTCTGGGCCAGTTCGAGCGTTCGCCTGGAGGTGGATCTGCAGCACC
 AGTATCCTCTTCTGCTCTTCTCGGCATCCTCATCTGCCTCGTCGTCTCTGTGGTCTTTCCCGGGGT
 GGCGCCAGCAGCACACCTCTAATGCCAATCTGGGGCTGCTGGTGCACCGCCGACTACACCCGGGACCA
 GCTGCCCGCGCTGTCTCCACCCTTGACATGGCCACGGGGCGGGAGAGCACCACCTTGTCTGCCGCGT
 GCGCAGCGACCCAGGCGGTGGAGGCTGGCCTACGCCGCTATGCTAATGGGCTAGGGACGAGCTCCCT
 GGCCTGCCCTCGTCGGACACTTCGGGCTCCTCCTCGTCTCTAGCTCCTCCTCCAGCTCTTCTCCTCTT
 CCTCCGGGCTGAGGCGAAAGGCGAGCCGCGACTGCTCTGTGTGCTTCGAGAGCGAAGTGATCGCCGCGT
 GGTGCCCTGTGGCCACAACCTCTTCTGCATGGAGTGTGCCAACCGCATTTGTGAGAAGAGCGAGCCCGAG
 TGTCCTGTTGCCACACGGCGTCACTCAGGCCATCCGCATCTTTCT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001191626

Insert Size: 1731 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191626.1, NP_001178555.1

RefSeq Size: 3401 bp

RefSeq ORF: 1731 bp

Locus ID: 308790

Cytogenetics: 1q31