

Product datasheet for **RR211824**

Tex264 (NM_001007665) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tex264 (NM_001007665) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tex264
Synonyms: MGC94635
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR211824 representing NM_001007665
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCGGATCTCCTCCTCTGGGCTGATTGGGGCCCTGACTCTGCTGTTGCTGCTGACGCTGCTGGCCT
TTGCTGGTTATTCAGGACTGCTGACTGGGGTGACAGTGAGTGCTGGATCACCCCAATCCGCAACATAAC
TCTGGCCTACAAGTTCCATGTGGGGCCCTATGGTGACACTGGACAGCTTTTCACGGAGAGCTGCAGCATC
TCTCCCAAGCTCCGCTCCATCGCTGTCTACTATGACAACCCCAAGACGGTGCCTCCCGAGAAGTGCCGCT
GTGCAAGTGGGCAGCATCCTGAGTGAGGGGGAGGAGTGCCTTACCTGAGCTCATCCACCTTACCAGAA
GTTTGGCTTCAAGATTTTCTCCTTTCCAGCACCTAGCCACGTGGTACGACTACCTTCCCTTACACCACC
CCCATATCCATCTGGCTGGCCGCCCGCCGAGTCCATCCTGCTTTGGATGTCTACATCAAGGAGCGGAAGC
TGTGTGCTCACCTCGGCTGGAGATCTACCAGCAAGACCAGATCCACTTCATGTGCCACTGGCACGGCA
AGGAGACTTCTATGTGCCAGAGGTGAAGGAGACAGAGCGGAAATGCTGGGAGCTTGTGGAGGCCACTGAC
ACCCAGACGGATGGCACAGGAGCTGATAACAAGTGACGCGAGTCCGTAAGCCTGGAGGTTCCGCTGGCA
GCCGGGAGACTTCAGCCACCCGTTTTCTCCTGGGGCAAGCAACCGTGCCTGGGATGATGGCGACAACCG
CAGCGAGCACAGCTACAGCGAATCGGGTGCCAGTGGCTCATCCTTTGAGGAGCTGGACATGGAGGGCGAG
GGGCCCTGGGGGAACCCGACTGAACCTGAAGCCAAGCTTCTGGCGTCTCCTCGGAGCTCAGCACCC
CCGAGAGGGGTGAGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR211824 representing NM_001007665
 Red=Cloning site Green=Tags(s)

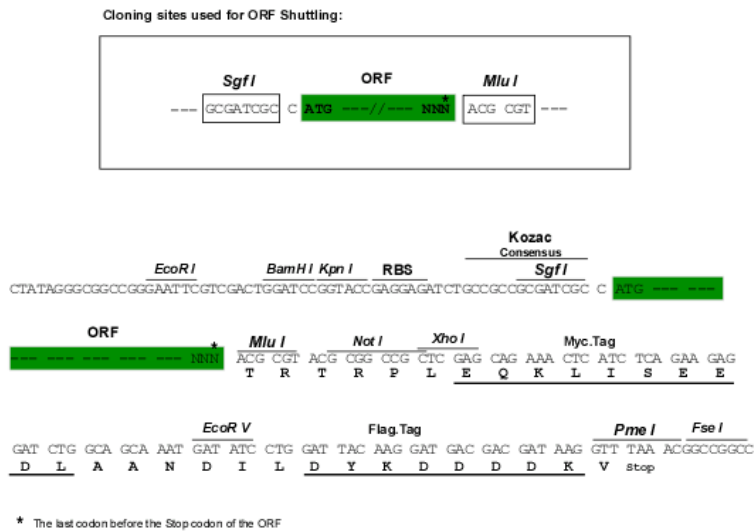
MPDLLLLGLIGALTLLLLLTLAFAGYSGLLTGVTVSAGSPPIRNITLAYKFHVGPYGDGTGQLFTESCSI
 SPKLRSIAVYYDNPQTVPPEKCRCAVGSILSEGEESPELIHL YQKFGFKIFSPAPSHVVTTFPYTT
 PISIWLAARRVHPALDVYIKERKLC AHPRL E IYQQDIHFMCPLARQGD F YVPEVKETERKCWEL VEATD
 TQTDGTGADTSDASSVSLVVRPGSRETSATPFSPGASNRAWDGDNRSEHSYSSES GASGSSFEELDMEGE
 GPLGEPRLNPEAKLLASPRELSTPERGEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

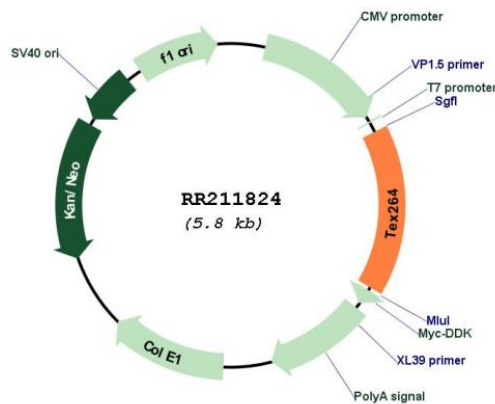
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001007665

ORF Size: 927 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:	<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:	NM_001007665.1 , NP_001007666.1
RefSeq Size:	1482 bp
RefSeq ORF:	930 bp
Locus ID:	300988
Cytogenetics:	8q32
MW:	33.8 kDa