

Product datasheet for **RC206652**

TEX45 (NM_198534) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TEX45 (NM_198534) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TEX45
Synonyms:	C19orf45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC206652 representing NM_198534
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACAGGCGCCCTCCTGCCGTGCTCGCGCCCGTGCCCGATGTCCCGGCTGGACTTCCTCAAGGCCT
 CGCACTTCTCGCTGGGGCTGACCTGCGGCTGCACGAGGGCACCATGCGCACCACGTGCGACCGGGACTT
 TGCTACCCGGCTGCCACCCGGAGCGCGGAGCTGCAGCCGCCGCCGCGCTGCTTTTCCCAATGGAC
 CCGCGCTGGGACCGGAAGAGCGCGTGTGCGAGGCGCACCGCGCTTCCCGCCGCATCCACGCCCGCT
 GGGAGCTGCTGCAAGCGCAGGCGCGGAACGCACGCTCGCCATGCAGGCCGGCAACCTGCACCTGCACGA
 GGACGCGCACGCCGGATCGGCCTCTCCAACGCGCACGCCGCTACGGCTGGCCCGAGCTGCCGGCGCGC
 ACCCGAGAGCGGATCCGCGGCGCGCCTCATCTTCGACCGCGACTCCCTGCCTCCTGGCGACCGCGACA
 AGTTGCGCATCCCGCCACCACGCACAGGCGCTTTTCCACCCACGACGCGCGCCCGCAGCCTCGCGC
 GCCAGTTGCCACCTCGGGGGCCCAACACCTCAAGTGGGACTACACGAGACAAGATGGGACTTCCTAC
 CAAAGACAGTTCCAGGCCCTGCCAGGCCACCTGCCTTGAGGTGTAAGAGGGCCTCTCCGAGTGGAGC
 TGGGAGACTGCAAGATCAGCTATGGATCAACGTGTTGCGAGCAGAAACAGGCCTACAGGCCCCAGGATCT
 GCCTGAAGATAGGTATGACAAGGCCAGGCCACAGCCACATCCACTGTGTAATATCCGTCTGGTGAC
 GGCTCTTCCGCGACAGGACCACCAAGGCCGAGCACTTCTATGCCAGGGAGCCAGAGCCTTTTGTCTTC
 ACCACGATCAGACTCCGAGTCGCACATCTGAAAGGAAATTGGTGCCCGGCCCGGCAGTCTGGACAC
 CTTTCATGCACTACTTCTACGGCCAGCGCCACCCCGACCCAGCCACCCAGCCGCCACGTGCCTCATGAG
 AAATTGCAGAGTCATGTGACCTAGGGGAGCCAAAGCTACTCAAACGCTTCTTCAAGACCACCATGGCT
 CGGACTACTGCCCTTTCAGAGTGGAGACAGTGCAGAAAGCGCCCAACCTCACTTGCAGCAAAGCTACCT
 GCCGCGGGGACGCGCGAATTCGATTTTTTAACCATGAACAGAAAGATGCTGAAGCCACACAGAACACCT
 CCGGCCCGGTGACTGAAGAGATGCTACAGCGGTGCAAGTACAGCCACATGGAGCCCCCTCTGGGTGGAC
 TGCGCTTCTTCTCAACACAATAAAGGACGAGTTTCTTTCAAGTACCAGGGCCAGCAGCCTGAGACT
 GAAAAATCCTCAGGAGGGCTTCGTGCCCTGGGCACGCTCACCAGCGCGGCTGCAGGGAGAAGATAGAC
 CCTCTGGTCCCCAGCCCCCTATGTACCTGTGCCCCAGCCAGCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206652 representing NM_198534
 Red=Cloning site Green=Tags(s)

MATGALLPCSRPCMSRLDFLKASHFSLGPDRLHEGTMRTTSHRDFAYPAATREPPSLQPPPALLPMD
 PRWDREERVSEAHRAFPPTSTPPWELLQAQARERTLAMQAGNLHLHEDAHAGIGLSNAHAAYGWPELPA
 TRERIRGARLIFDRDSLPPGDRDKLRIPPTTHQALFPPHDARPPRAPSCHLGGPNTLKWDYTRQDGT
 SYQRQFQALPGPPALRCKRASSGVELGDCKISYGSTCSEKQAYRPQDLPEDRYDKAQATAHIHCVNIRPGD
 GLFRDRTTKAEHFYAREPEPFVLHHDQTPESHILKNWCPGPGSLDTFMQYFYGQPPPTQPPSRHVPHE
 KLQSHVTLGEPKLLKRFKTTMGSDYCPSEWRQVQKAPNLHLQSYLPRGTGEFDFLTMNQKMLKPHRTP
 PAPVTEMLQRCKYSHMEPLGGLRFFSTQYKDEFPFKYQGPAALRLKNPQEGFVPLGTPHQRGCREKID
 PLVPQPPMYLCPSSQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_198534

ORF Size: 1515 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_198534.3](#)

RefSeq Size: 1709 bp

RefSeq ORF: 1518 bp

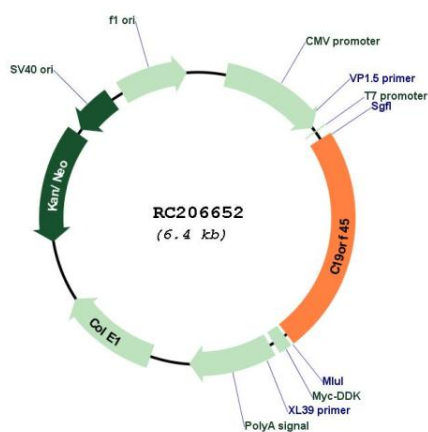
Locus ID: 374877

UniProt ID: [Q8NA69](#)

Cytogenetics: 19p13.2

MW: 57.3 kDa

Product images:



Circular map for RC206652