

Product datasheet for **MR202664**

AW549877 (BC016504) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AW549877 (BC016504) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	AW549877
Synonyms:	A1195826
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202664 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCCATCCTGGACATGACATATTTTGAGGAGAACAGCTAGTAGATGAGGATTTCCAGAGGACTGTT
CTCCACAGAAAGTAAAGAGCTGCTCGCGTTTCTTTCAGAACAGAAATCTTAGCTAAAGAAAGCAATAT
GCATCCCAAGCTGTGCGGTTTGCTTGGGGCTGAGCTCCTGGAGTGCCTCTCTTGGAGGCGAGGGGCCCTG
CTGTACATGTATTGTCATTGCTGACTAAGAGAAGGGAGTGGCTCCTCAGAAAATCCAATTGCTTCAAA
AGTACCTTGTGATGGGATCAATTACTTGCTACAGATGCTAAATTATCGATGCCCTGTCCAGTTAAATGA
AGGCGTTTCTTTCCAAGACCTAGACACAGCTAAATTGCTGAGTACAGGAGTCTTTAGTGACATCCATGTG
CTGGCTATGATGTACAGTGGAGAGATGTGCTACTGGGGTTAAAGCACTGCACAGATCAGCAGTCAGAAA
ACCATGAAGTTGATACTGATGTTTTTGGAGCAAGCTGCACCACACACAAAGAAACCTTGGATTTCCGAGA
AGTAGGAGAAAAATTTGAAGAAGTATGTGTCGGTGTGTGAAGGACCTCTGAAGGAGCAAGAGTGAAC
ACCGAAACGCAAAGCAAATCTTAAGTTTCTTTCAGCAGCGCTGTAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



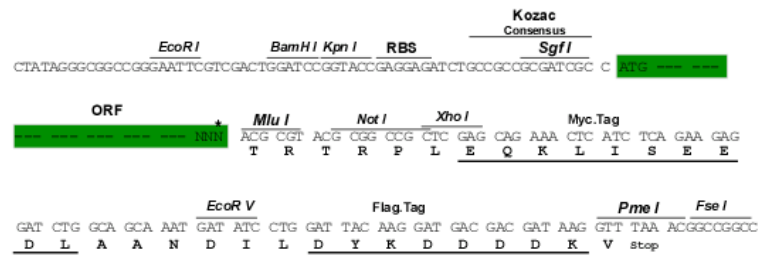
[View online »](#)

Protein Sequence: >MR202664 protein sequence
 Red=Cloning site Green=Tags(s)

MAILDMTYFEENKLVDIEDPEDCSPQKVKEFLAFLEPEILAKESNMHPKLCGLLGAEELLECLSWRRGAL
 LMYCHSLTKRREWLLRKSNNLLQKYLVDGINYLLQMLNYRCPVQLNEGVSFQDLDTAKLLSTGVFSDIHV
 LAMMYSGEMCYWGLKHCTDQQSENHEVDTDVFGASCTTHKETLDFREVGEKILKKYVSVCEGPLKEQEWN
 TANAKQILSFFQQRCS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



* The last codon before the Stop codon of the ORF

ACCN: BC016504

ORF Size: 678 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: BC016504, AAH16504

RefSeq Size: 4985 bp

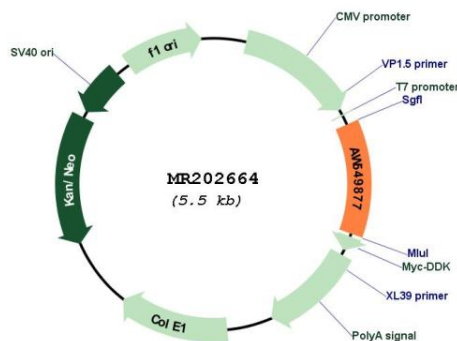
RefSeq ORF: 680 bp

Locus ID: 106064

Cytogenetics: 15 A1

MW: 26.1 kDa

Product images:



Circular map for MR202664