

Product datasheet for **RR212135**

Tab1 (NM_001109976) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tab1 (NM_001109976) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tab1
Synonyms:	Map3k7ip1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR212135 representing NM_001109976
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCGCAGAGGAGGAGCCTGCTCCAGAGTGAGCAGCAGCCAAGCTGGACAGATGACCTGCCACTCT
 GCACTTCTCCGGCGTTGGTTCAGCTTCCAACCGTAGCTACTCTGCTGATGGCAAGGGCACTGAGAGTCA
 CCCTCCGGAGGACAACCTGGCTCAAGTTCAGAAAGTAAAAACAACCTGCTTCTGTATGGGGTCTTCAATGGC
 TATGATGGCAACCGCGTGACCACTTTGTGGCGCAGAGACTCTCTGCAGAGCTCCTGCTGGGCCAGCTCA
 ACACCGAACACACAGATGCTGATGTGCGACGGTCTGCTGCAGGCCCTCGATGTGGTGGAGAGGAGCTT
 CCTGGAGTCTATCGATGATGCCTGGCTGAGAAAGCAAGCCTCCAGTCCCAGCTGCCGGAGGGTGTGCC
 CAACACCAGCTGTACCTCAGTATCAGAAGATCCTGGAGAGACTCAAGGCACTGGAGAAGGAGATCTCGG
 GAGGGGCCATGGCTGTTGTGGCGTCTTCTCAACAACAAGCTCTACGTTGCCAATGTTGGTACGAACAG
 GGCCCTTCTGTGAGATCCACCGTGGACGGCTACAGGTACACAGCTGAACGTGGACCACCCGCCGAG
 AATGAGGACGAGCTTCCGCTCTCACAACTGGGTTAGACGCAGGGAAGATCAAGCAGGTGGGGCTCA
 TCTGTGGACAGGAGAGCACCAGGCAATTGGGGATTACAAGTCAAATATGGCTACACTGACATTGACCT
 GCTCAGCACTGCCAAATCCAAACCCATCATCGCAGAGCCCGAAATCCACGGCGCACAGCCTCTGGATGGC
 GTGACGGGCTTCTGGTACTGATGTGCGAGGGGCTGTACAAGGCCTGGAGGCAGCCATGGGCCTGGGC
 AGGCCAACAGGAGGTTGCCGCAATGATTGACACCGAATTTGCCAAGCAGACCTCCCTCGATGCAGTTGC
 CCAGGCTGTGGTAGACCGTGTAAAGCGTATCCACAGTACACCTTTGCCAGCGTGGGGAGCGGGCCAAG
 TTCTGCCACGGCATGAAGACATGACCTGCTGGTGGGAACCTTTGGCTATCATTAGGTGAAATGAGCC
 AGCCGACACCCACCCCGGCCAGGGGGCGGTGTACCCTGTTCTGTGCCCTACTCAEATGCCCAGAG
 CACCAGCAAGACCAGTGTGACTCTGTCCCTCGTCATGCCTTCTCAGGGCCAGATGGTCAACGGCTCTCAC
 AGTGCCTCCACCTTGGATGAAGCCACTCTACTCTCACTAACCAGAGCCCACTCTGACCCTGCAGTCTA
 CCAACACCCACACCCAGAGCAGCAGCTCCAGCTCGGACGGGGCCTCTCCGCTCCAGACCGGCTCACTC
 ACTTCCACCTGGAGAGGATGGCAGGGTTCGAGCCCTATGTGGACTTTGCTGAGTTTACCAGCTCTGGAGC
 GTGGACCATGGCAGCAGAGTGTGATGACGGCACCTGTGGACCATGGCGAGCAGAGTGTGATGACGGCAC
 CT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR212135 representing NM_001109976
 Red=Cloning site Green=Tags(s)

MAAQRRLQSEQQPSWTDLPLCHFSGVGSASNRSYSADGKGTESHPPEDNWLKFRSENNCFLYGVFNG
 YDGNRVTFVAQRLSAELLLGQLNTEHTDADVRRVLLQAFDVVERSFLSIDDALAEKASLQSQLPEGVP
 QHQLLPQYQKILERLKALEKEISGGAMAVVAVLLNNKLYVANVTNRALLCRSTVDGLQVTQLNVDHTAE
 NEDELFRLSQLGLDAGKIKQVGVICGQESTRRIGDYKVKYGYTDIDLSTAKSKPIIAEPEIHGAQPLDG
 VTGFLVLMSEGLYKALEAAHGPGQANQEVAAMIDTEFAKQTSLDAVAQAVVDRVKRIHSDTFASGGERAK
 FCPRHEDMTLLVRNFGYPLGEMSQPTPTPAPGGRVYPVSVYSSAQSTSKTSVTLSLVMPSQGMVNGSH
 SASTLDEATPTLTNQSPTLTQSTNHTQSSSSSDGGLFRSRPAHSLPPGEDGRVEPYVDFAEFYRLWS
 VDHGEQSVMTAPVDHGEQSVMTAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja1262_f11.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001109976

ORF Size: 1506 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 Size: 2971 bp

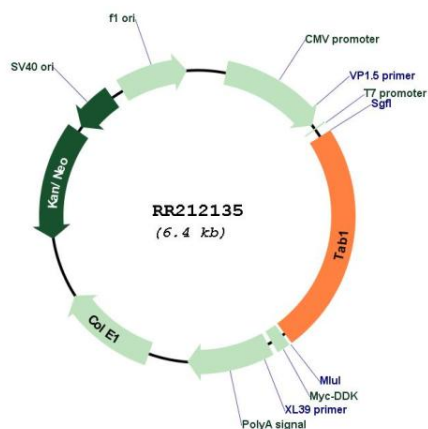
RefSeq ORF: 1509 bp

Locus ID: 315139

Cytogenetics: 7q34

MW: 54.6 kDa

Product images:



Circular map for RR212135