

Product datasheet for **RN212135**

Tab1 (NM_001109976) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN212135 representing NM_001109976
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGCGCAGAGGAGGAGCCTGCTCCAGAGTGAGCAGCAGCCAAGCTGGACAGATGACCTGCCACTCT
GCACTTCTCCGGCGTTGGTTCAGCTTCCAACCGTAGCTACTCTGCTGATGGCAAGGCACTGAGAGTCA
CCCTCCGAGGACAACCTGGCTCAAGTTCAGAAAGTAAAAACAACCTGCTTCTGTATGGGGTCTTCAATGGC
TATGATGGCAACCGCTGACCACTTTGTGGCGCAGAGACTCTCTGCAGAGCTCCTGCTGGGCCAGCTCA
ACACCGAACACACAGATGCTGATGTGCGACGGTCTGCTGCAGGCCCTCGATGTGGTGGAGAGGAGCTT
CCTGGAGTCTATCGATGATGCCTGGCTGAGAAAGCAAGCCTCCAGTCCCAGCTGCCGGAGGGTGTGCC
CAACACCAGCTGTACCTCAGTATCAGAAGATCCTGGAGAGACTCAAGGCACTGGAGAAGGAGATCTCGG
GAGGGGCCATGGCTGTTGTGGCGTCTTCTCAACAACAAGCTCTACGTTGCCAATGTTGGTACGAACAG
GGCCCTTCTGTGCAGATCCACCGTGGACGGCTACAGGTCACACAGCTGAACGTGGACCACACCGCCGAG
AATGAGGACGAGCTTCCGTCTCTCAAACTGGGTTAGACGCAGGGAAGATCAAGCAGGTGGCGGTCA
TCTGTGGACAGGAGACACCAGGCGAATTGGGGATTACAAGTCAAATATGGCTACACTGACATTGACCT
GCTCAGCACTGCCAAATCCAAACCCATCATCGCAGAGCCCGAAATCCACGGCGCACAGCCTCTGGATGGC
GTGACGGGCTTCTGGTACTGATGTGCGAGGGGCTGTACAAGGCCTGGAGGCAGCCATGGGCCTGGGC
AGGCCAACAGGAGGTTGCCGCAATGATTGACACCGAATTTGCCAAGCAGACCTCCCTCGATGCAGTTGC
CCAGGCTGTGGTAGACCGTGTAAAGCGTATCCACAGTGACACCTTTGCCAGCGGTGGGGAGCGGGCAAG
TTCTGCCACGGCATGAAGACATGACCTGCTGGTGGGAACTTTGGCTATCCATTAGGTGAAATGAGCC
AGCCGACACCCACCCCGGCCCCAGGGGGCCGTGTACCCTGTTTCTGTGCCCTACTCAAGTGGCCAGAG
CACCAGCAAGACCAGTGTGACTCTGTCCCTCGTCATGCCTTCTCAGGGCCAGATGGTCAACGGCTCTCAC
AGTGCCTCCACCTTGGATGAAGCCACTCTACTCTCACTAACCAGAGCCCACTCTGACCCTGCAGTCTA
CCAACACCCACACCCAGAGCAGCAGCTCCAGCTCGGACGGGGCCCTTCCGCTCCAGACCGGCTCACTC
ACTTCCACCTGGAGAGGATGGCAGGGTTCGAGCCCTATGTGGACTTTGCTGAGTTTACCAGCTCTGGAGC
GTGGACCATGGCGAGCAGAGTGTGATGACGGCACCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109976

Insert Size: 1509 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).

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_001109976.2](#), [NP_001103446.1](#)

RefSeq Size: 2971 bp

RefSeq ORF: 1509 bp

Locus ID: 315139

Cytogenetics: 7q34