

Product datasheet for **MC221016**

Tagap (NM_145968) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tagap (NM_145968) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tagap
Synonyms:	2610315E15Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221016 representing NM_145968
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGCTGATAAGCAGTCTCGATGGTTCAAAAACACTTAATGCTAACAACATGGAGACATTAATTGAAT
 GTCAGTCAGAGGGTGATATCAAAGTGCCTCCCCTGCTGACATCATGTGAGAGTGAAGACAGCATTGCCA
 GCTAACTGAAATTAAGAAGAGAAAAGAAAGTGTCTGCTGGCCATCTCATGAGAAAGCTCTCTCCTTCA
 TCCGACTTCTCTGGGTCAATTGGAACAGAGCTGAAAGTGTGCTGTTTGACCAACCCTTGTGATCATCT
 GTGGGGAGAACGACACTTCCCAGACCCATCCAGGACATCCTCACCATCCTCTGCCTTAAAGGTCTTC
 AACGGAAGGGATATTCAGGAAAGCTGCCAGCGAGAAAGCCGCAAGGAGCTGAAGGAGGGGCTTAACTGT
 GGGGTCTCCGTGAATCTGAAGCAGCTCCCTGTGCACCTCCTAGCTGTGGTCTTCAAGGACTTCTCCGAG
 GGATACCCTGAAGCTACTCTCCTGTGATCTCTTTGAGGACTGGATGGGCGCCCTGGAGAAGCCACCGA
 GGAGGACAGAATCGAGGCCCTGAAGCAGGTTGCTGGTGGCCTCCCCGGCCCAACCTTCTCCTGCTCAGG
 CACTTGCTCTAGTGTCTCACCTCATCAGCAAGAACGCTGAGGTCAACAAGATGGACTCCAGCAACCTCG
 CCATCTGCATCGGCCTAACATGCTCACTCTGAAGAACGACCAGAGCCTGTCTTCCAGGCCAGAAAGGA
 CCTGAACAATAAGGTTAAGATCTTGGTGGAAATTCCTCATCGACAACCTGCTTTGAGATATTTGGGAGAAC
 ATTCGGACGCGTCCCAGCATCACTTCTGACGACTCCCTGGAACACACTGACAGTTCAGACGTGTCAACTC
 TGCAGAATGACTCGGCCATGACAGCAATGACCAGATGTGGAGCCCACAAGTGGCGCAGCCTCTCCAA
 CAGGCAACTGGAGGGTCCCCTCCACAATGGCTGGTCTGGATAACCGGGGCCAACGGGACACCTGTGAG
 TCAAGCTCAGAGTCCAGCGTTAGCATGGTAGTCAGGCTGAAAAGCTCCATTGTCCAACAAGACAGGCGGT
 TCTCTGAACCCAACATGTCACCCTCACGAGAGTGCCTCGTGGGCCAACATCCAAGCAAAAGCTAGCAAG
 GAGTGAGGACAGCTTCACTCTGTCCCAGGACGCTCCTGTTCTGAAGGCGATGAAGCTGAAGATCCCTTT
 ACAGAGGAAGTCTTCCCAGCAGTGGACAGCAAACCCAAGAGACCTGTGGATTTGAAAATAAAGAATTGGA
 CCCAAGGTTTAGCATCTCCACAGGGACACATAACCAAAGCTTTCTCCAGATCCTCCCAGGCCAATCTTT
 GGGCAGCTCACCTGTGCCTTCTCCATCTGCCCAAGAGAAAATCTTACCAGACACCAGAGTTTACACA
 ACAAGACAGACAAAACCAAACCCAGAGAGAAATTAGAAAGCACTCCATGTCGTTTTCTTTGCGTCTC
 ACAAGAAAGTGTGCCCCGAACCTCCAGCATTGGGTCTGAGAAATCCAAAGACTTTTCTAGAGCCAAC
 CCAGAAGGACTTGAGGAAAGAGAGCCAACCTTTCTGGCAGAATCGTCCAGGAAAATGAGTCAGAAATCCAA
 AGCCAAACATCTCTGGGCTTCACTTGTCTGGCACCTGGGCCCTCAGTCGACAACACGTTCCAGTTAG
 TGGATATGAGGAAACCAGGAAGCCACCATCTTACGAAGAGGCCATTTATTACCAGACATCAGGACTCAC
 AGCCTACGGTGGCCAGACAGTTGGGAGTATGAGGTCAAGAATGTTCAAGCCAAGCACAGCAGTGCCTCCT
 GTGCCTTCTACCATGGAGGTGACCTCAGTGAAGGGACACCTGGTGGACACAGATTGTCTTCTGTGACTG
 AGCACTGGACACACAGTCAGACTGTCCATGTCTCTATAGAAACTCAGGGGAGATCTGAGCTACACCAGTT
 GAGGACAGTGTCCGAGTCCATGCAGAAGGCTAAGCTGGACTGTCTTGGGCCACAACACAGCCACTTAGTC
 TTTGAGGCTGACCAACTCTGCTGTGCTAGAGAATCCTACATT**TAA**

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_145968

Insert Size: 2145 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:	<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:	<u>NM_145968.2</u> , <u>NP_666080.1</u>
RefSeq Size:	3076 bp
RefSeq ORF:	2145 bp
Locus ID:	72536
UniProt ID:	<u>B2RWW0</u>
Cytogenetics:	17 A1
Gene Summary:	May function as a GTPase-activating protein. May play a role in transmission ratio distortion (TRD) in mouse, in which heterozygous males for t-locus transmit their t-carrying chromosome to 95% or more of their offspring.[UniProtKB/Swiss-Prot Function]