

Product datasheet for **RR201574**

Mtap (NM_001047867) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtap (NM_001047867) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mtap
Synonyms:	Cc1-6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR201574 representing NM_001047867 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAAGTCGGCGGCAGATGCTGGCTGATACTCTGGCTTTGGGATTGATTGCCCGCAGCTCCCTTG
GTCACGCGCTGCGGCCCGCGTGGACTTCCCCGGTGCAGACATGGCTCGGGCTCCGCTGCACGGCAGT
GAAGATTGGAATAATTGGTGAACAGGCTTGGATGACCCTGAAATTTAGAAAGGAAGAACAGAAAAATAT
GTGGATACTCCATTTGGCAAGCCATCTGATGCCTAATTTGGGGAAGATAAAGAACGTCGACTGTGTGC
TTCTTGCCAGCATGTACGTTTTAGATCGTATGTGTGAGTTCCTGCTGCTGCCTTTCTGTGTCCAGCTTAA
TTCACCTCACGAGATTCCTCCAGGCTCATCTTGTACACCTCTTATCTGTTTGCCTTTGTTGCCCGCTGG
GAAAGGCGTGTCCGCTGGTTAGCGAGAGTTCCTGTGAGCGGGCCTTTGTGCCGAGCTCAGCATCTACTT
CCGTTCCAGTGGAAAGAAACCAACATTCGAAGGAGATAACGCAAAGATCCAAGCATCCAGGTTCTCCAC
GACAGTGCAACAGCAGGCTATCCGAGAGGAGTGCCAGACATCCCTGAGGCTCAGACCTTCTATGATGGA
AGTCATTGCAGTGCCAGAGGAGTGTCCACATCCCAATGGCTGAACATTTGCCCAAACAAGAGAGG
TCCTCATAGAAATGGCTAAGAAGCTTGGACTCCGGTGCCATTCAAAGGGGACGATAGTCACAATTGAGGG
GCCTCGGTTTAGCTCCCGGCAGAAAGCTTTATATTCCGTAATTGGGGCGCAGATGTTATCAATATGACC
ACTGTTCCAGAGGTGGTCTTGCAAAGGAGGCCGATTGTGCTACGCAAGCATTGCCATGCAACCGATT
ATGATTGCTGGAAGGAGCATGAAGAAGCAGTGTGAGTGGATGGGTTTTAAAGACCATGAAAGAAAATGC
CAATAAAGCCAAAAGTTTACTCCTAACTACTATACCTCAGATAGGGTCAATGGAATGGTCAGAAACGCTC
CGTAACCTAAAGGTGGTTGCTGTCAAGCTGTATGGAGAAAAAAGAGAGAGCTGCACCAAAAATCGTCTG
GCGGTATGCTGCAGATGCTTGCCTTCCAAGGACTCTGGACAATTGGCAGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR201574 representing NM_001047867
 Red=Cloning site Green=Tags(s)

MEVGGRCWLILLALGLIAPQSPLGPALRPVDFPGADMASGSACTAVKIGIIGGTGLDDPEILEGRTEKY
 VDTFFGKPSDALILGKIKNVDCVLLASMYVLDRCFEFLLLPFCVQLNSLHEIPPGSSCHTSYLFVAFVARW
 ERRVRLARVLCERAFVPSSASTSVQWKETKHSKEITQRSKASRFSTTVQQQAIREECQTSLRPQTFYDG
 SHCSARGVCHIPMAEPFCPKTREVLIEMAKKLGLRCHSKGTIVTIEGPRFSSRAESFIFRTWGADVINMT
 TVPEVVLAKEAGLCYASIAMATDYDCWKEHEEAVSVDGLKTMKENANKAKSLLLTTIPQIGSMEWSETL
 RNLKVVAVKLYGEKKRELHQKSSGMLQMLASSKDSGQLAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

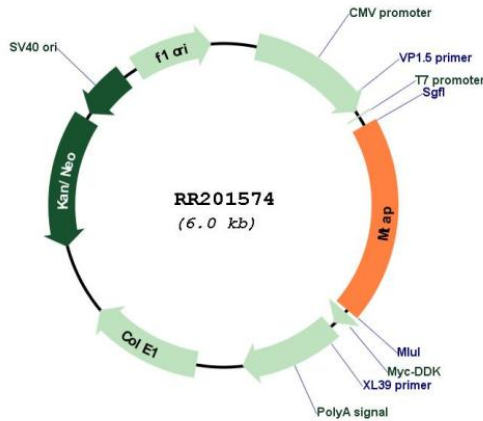
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001047867

ORF Size:	1173 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:	<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:	NM_001047867.1 , NP_001041332.1
RefSeq Size:	1182 bp
RefSeq ORF:	1176 bp
Locus ID:	298227
Cytogenetics:	5q32
MW:	43.1 kDa