

Product datasheet for **MR204674**

Arg1 (NM_007482) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arg1 (NM_007482) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Arg1
Synonyms:	AI; AI256583; Arg-1; PGIF
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR204674 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGAGCTCCAAGCCAAAGTCCTTAGAGATTATCGGAGCGCCTTTCTCAAAGGACAGCCTCGAGGAGGGG
TAGAGAAAGGCCCTGCAGCACTGAGGAAAGCTGGTCTGCTGGAAAACCTAAAGAAACAGAGTATGACGT
GAGAGACCACGGGGACCTGGCCTTTGTTGATGTCCCTAATGACAGCTCCTTTCAAATTGTGAAGAACCCA
CGGTCTGTGGGAAAGCCAATGAAGAGCTGGCTGGTGTGGTGGCAGAGGTCCAGAAGAATGGAAGAGTCA
GTGTGGTGTGGTGGAGACCACAGTCTGGCAGTTGGAAGCATCTCTGGCCACGCCAGGGTCCACCCTGA
CCTATGTGTCAATTTGGGTGGATGCTCACACTGACATCAACACTCCCCTGACAACCAGCTCTGGGAATCTG
CATGGGCAACCTGTGTCTTTCTCCTGAAGGAAGTAAAGGAAAGTTCCAGATGTACCAGGATTCTCCT
GGGTGACTCCCTGCATATCTGCCAAAGACATCGTGTACATTGGCTTGGGAGACGTAGACCCTGGGGAACA
CTATAATAAAAACTCTGGGAATTAAGTATTTCTCCATGACTGAAGTAGACAAGCTGGGGATTGGCAAG
GTGATGGAAGAGACCTTCAGCTACCTGCTGGGAAGGAAGAAAAGGCCGATTACCTGAGCTTTGATGTCC
ATGGGCTGGACCCAGCATTACCCCGGGCAGCCGCCCGGTTCTGGGAGGCCTATCTTACAGAGAAGG
TCTCTACATCACAGAAGAAATTTACAAGACAGGGCTCCTTTAGGACTAGATATCATGGAAGTGAACCCA
ACTCTTGGGAAGACAGCAGAGGAGTGAAGAGTACTGTGAACACGGCAGTGGCTTTAACCTTGGCTTGT
TCGGAACTCAACGGGAGGGTAACCATAAGCCAGGGACTGACTACCTTAAACCACCTAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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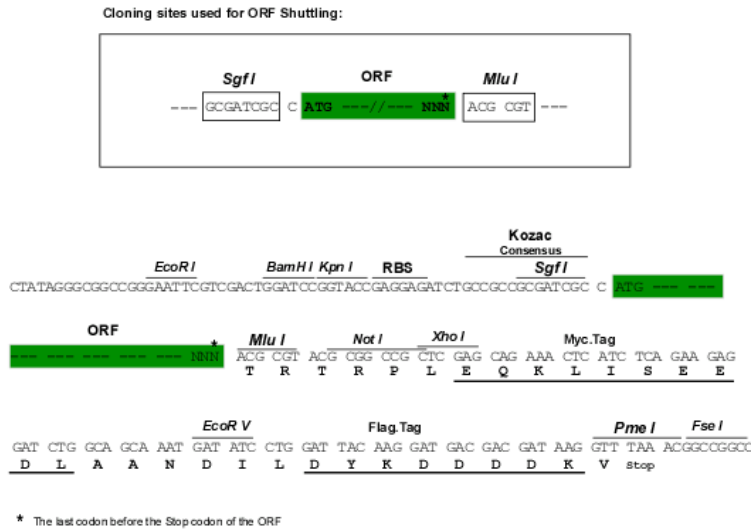
Protein Sequence: >MR204674 protein sequence
 Red=Cloning site Green=Tags(s)

MSSKPKSLEIIGAPFSKGQPRGGVEKGPAAALRKAGLLEKLKETEDVDRDHGDLAFVDPVNDSSSFQIVKNP
 RSVGKANEELAGVVAEVQKNGRVSVVLGGDHS LAVGSI SGHARVHPDL CVIWD AHTDINTPLTSSGNL
 HGQPVSFLLKELKGGKFPDVPGF SWVTPCISAKDIVYIGLRDVPGEHYI IKT LGIKYFSMTEVDKLGIGK
 VMEETF SYLLGRKKRPIHLSFDVDGLDPAFTPATGTPVLGGLSYREGLYITEE IYKTGLLSGLDIMEVNP
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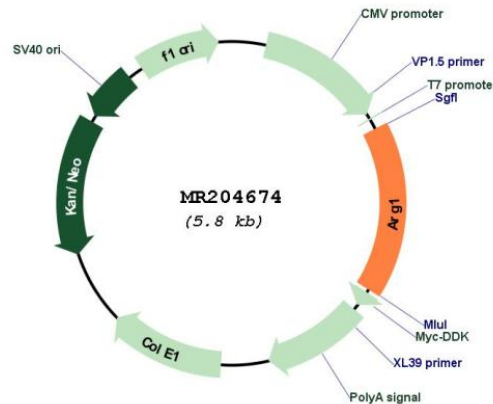
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_007482

ORF Size: 972 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.
RefSeq:	NM_007482.2 , NP_031508.1
RefSeq Size:	1489 bp
RefSeq ORF:	972 bp
Locus ID:	11846
MW:	34.8 kDa