

Product datasheet for **RR214660**

Jkamp (NM_001106738) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Jkamp (NM_001106738) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Jkamp
Synonyms: RGD1308917
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214660 representing NM_001106738
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGTCGATATCCAGCCAGCATGCCTTGGACTCTACTGTGGGAAGACCCTATTATTTAAAAATGGCT
CAAGTAAATCTACGGAGAGTGCAGGGGTGTGCCAAGAGGACAGAGGACAAATGCACAGAAATACTGCCA
GCCTTGCACAGAGTCTCCGGAACCTTATGACTGGCTCTACCTGGATTTATGGCTATGCTTCCACTCGTT
TTGCACCTGGTTCTCATTGAATGGTACTCGGGGAAAAAGAGCTCCAGTGCCTTTTCCAGCACATCACCG
CACTGTTTGAATGCACCATGGCAGCCATCATCACTTTGCTCGTGAGCGACCCTGTGGCGTCCTCTACAT
CCGCTCCTGCCGAGTACTGATGCTTTCTGATTGGTACACGATGCTTTACAACCCAAGTCCAGATTATGTC
ACCACGGTGCAGTGCAGTACGAAGCTGTCTACCCACTATACACCATCGTGTGTTTACTACGCCCTTCT
GCTTGGTGTAAATGATGCTGCTCCGGCCTCTCTGGTGAAGAAGATCGCATGCGGACTCGGCAAGTCTGA
CCGGTTCAAAGCATTTATGCCGCACTTACTTCTTCCCCATTTAACCGTGTGCAGGCAGTTGGTGGG
GGCCTCTATATTACGCCTTCCCATACATTATATTAGTGTGTCTCTGGTACCCTGGCTGTGTACATGT
CTGCTTCTGAAATAGAGAACTGCTATGATCTTCTGGTCAGGAAGAAAAGACTTATTGTTCTTTCAGCCA
CTGGCTACTGCACGCCTATGGAATTGTCTCCATCTCCAGAGTGGACAGGCTCGAACACGACCTACCGCTT
TTGGCTTTGGTACCGACACCAGCTCTGTTTACTTGTTCCTGCAAAAATTTACCGAACCATCACGGATAC
TCTCAGAAGGGCCAATGGACAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR214660 representing NM_001106738
Red=Cloning site Green=Tags(s)

MAVDIQPACLGL YCGKTL LFKNGSSEIYGECGVCPRGQRTNAQKYCQPCTESPELYDWLYLGFMAMLPLV
 LHWFFIEWYSGKKSSSALFQHITALFECTMAAII TLLVSDPVGVL YIRSCRVLMLSDWYTMLYNPSDYV
 TTVHCTHEAVYPLYTIVVYAFCLVLMMLLRPLL VKKIACGLGKSDRFKSIYAALYFFPILT V LQAVGG
 GLLYYAFPYIILVLSLVTLAVYMSASEIENCYDLLVRKKRLIVLFSHWLLHAYGIVSISRVDRL EHDLP L
 LALVPTPALFYLF TAKFTEPSRILSEGANGH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

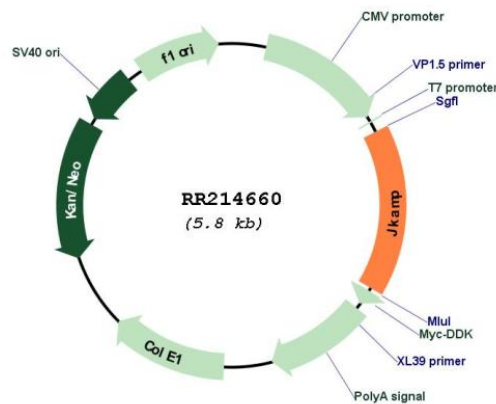
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001106738

ORF Size: 933 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_001106738.1 , NP_001100208.1
RefSeq Size:	1455 bp
RefSeq ORF:	936 bp
Locus ID:	299127
Cytogenetics:	6q24
MW:	35.2 kDa