

Product datasheet for MR216641

Jsrp1 (NM_028001) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Jsrp1 (NM_028001) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Jsrp1
Synonyms:	2300003C06Rik; 2310032K21Rik; JP-45; JP45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR216641 representing NM_028001 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGACTACCAGAGGCTGGAGGACCTGGATGGGGCCTGGGCAGCTGCCTCCCCAGTGATGACCTCCCAT
TTCTGGAGGAACAGCCTCAGGCCGGCGCCAGAGAGCAAGGCTCGAGGGACATCCAGGCCGGCCGACTC
CAGTGACTGGACCATGTCCTTCAGGACCCAGTTGCTGCTGGCGCTGGGGATGCCGGCTCAAGAAGATG
GAAAAAGAGCTAGCGGGCAAGGAGACACAGCTGGCAAAGCGGGAACAAGCCCCGGATCGTTCCTGCAC
GTAGGAAGCCGAGGCTCCGCTCCCCTGCAGCCGCCCGCCTCCCCTGCAGCCGCCCAAGGACGCC
AAGCGATGACCTGCCCTGGGGAGATCTGACGCTCAACAAGTGCCTGGTACTGGCTCGCTGGTGGCCCTG
CTGGGCTCGGCTTTCAGCTGTGTCGGGACGAGTGGCTGGGGAGGTCGTGGCTGCCCTCACCCATGGG
TCCCGCCAGCTCTCCACAAAGAAGGAAGCGTCGCCAGCGCCTAAGCCTCCGGTTTTGGTGTCTCCATC
CGGGTCTCCTCAGCCGAAGCCTGGGCCACCCAGGCACGGATGCAGGATGAGCCTGAGCTTCCCGGGAGC
CCTGAAGCTACAGAAACCCGGGTAGAAGCTGGAGGGTCCATCTCGGAAGCCTCTGGGGAGGAGAGCGTAC
CCCTTGGGGACCGAGGGTCCCAGGAGAAGCCACGGAAAGAGAAGCAAGTAAAGGGGAGAACTGAAGAA
GGAGAAGCCGAGAAGGGAGAAGCCGAGGAGAGAGGATAAGTCACAGGTCCTGGGGAGCCCGTCAATCA
CTGCCACGGCGCTGGGAGGCGCGGGAAGGAGGCCGTCGGCCATGGGGACGGGACTCCAGGGACCTCCTCG
AGCATGGGAAGCTGCAGGCTGGGCTCCCAGGCAAGGCATGACCGTGTGACCGGCCAGACAGAAGCG
AGGGAAGGGCGTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR216641 representing NM_028001
Red=Cloning site Green=Tags(s)

MTTRGLELDLGGGLGSCLPSDDLPLEEPASGRRPESKARGTSRRADSSDWITHVLQDPVAAGAGDAGLKMM
 EKELAGKESTAGKAGTSPRIVPARRKQPAPPPLQPPPPPLQPPRTPSDDL PWGDLTLNKCLVLASLVAL
 LGSALQLCRDAVAGEVVAAPHPWVPPSSPPKKEASPAPKPPVLVSPSGSPQPKGPPQARMQDEPELPGS
 PEATETRVERGGSISEASGEESVPLGDRGSQEKPRKEKPSKGEKLEKKEKPRREKPRREDKSQVTGEPRQS
 LPRRWEAREGRRPWGRDSRDLEHGKLQAWAPRRRHRDRDRPRQKRGKGRD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9078_h02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_028001

ORF Size: 999 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:

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_028001.3](#), [NP_082277.2](#)

RefSeq Size: 1116 bp

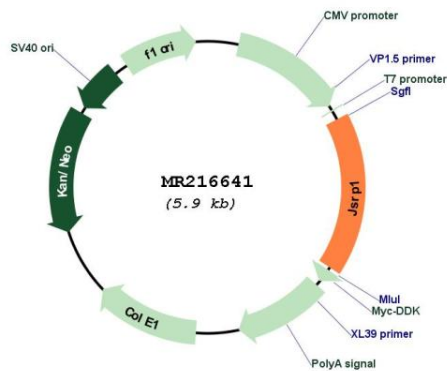
RefSeq ORF: 999 bp

Locus ID: 71912

Cytogenetics: 10 C1

MW: 36 kDa

Product images:



Circular map for MR216641