

Product datasheet for **RR204740**

Khsrp (NM_133602) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Khsrp (NM_133602) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Khsrp
Synonyms:	Marta1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

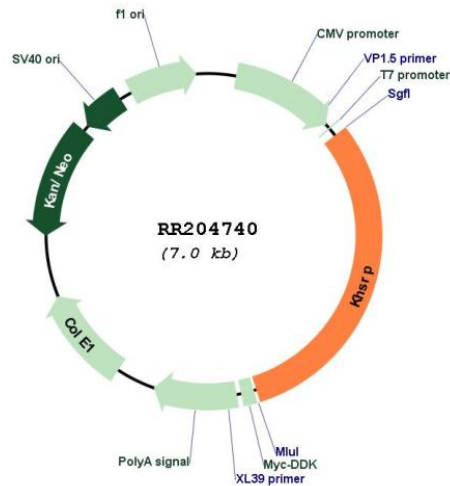
ORF Nucleotide Sequence:

>RR204740 representing NM_133602
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGACTACAGCACGGGAGGTCCCCGCCCGCCCGCCCTCCCGCTGGCGGAGGAGGAGGCCG
 CGGGTGCGGGAGGAGCCCTCCGCCGGGCCCGCGGGTGCGGGAGACCGGGCGCGGAGGCCCTGGCGG
 CGGCGGCCCGGGTGGAGGAGCGCGTCCGGGGGCCCTTCGCAGCCTCCGGGTGGCGGCGGTCCGGGATA
 CGCAAGGACGCCCTTCGCCGACGCCGTRCAGCGGGCCCGCAGATTGCAGCCAAAATCGGAGGTGATGCTG
 CTACCACCGTGAATAACAACACTCTGATTTTCGGTTTTGGGGCCAAAAGAGACAGCTGGAAGATGGAGA
 CCAGCCAGACAGCAAGAACTGGCTTCCAGGGAGATTCAATTGGTTCTCAGCTGGGACCATCCATCCT
 CCCCCAGGACCTCAATGACAGAAGAGTATAGGGTTCGGACGGCATGGTGGCTTGATCATTGGCAGAG
 GTGGTGAACAGATAAAACAAAATCCAGCAGGACTCAGGCTGCAAAGTTCAGATCTCACCAGATAGTGGCGG
 CCTCCCTGAGCGCAGTGTGCCCTGACTGGAGCACCAGAGTCTGTCCAAAAGCAAGATGATGCTGGAT
 GACATTGTGTCTCGGGGCGTGGAGGCCCCAGGACAGTTCATGACAACGCCAACGGGGTCAAGATG
 GCACAGTGCAGGAGATCATGATCCCTGCTGGCAAGGCTGGCTGGTCAATTGGCAAGGGTGGAGAGACCAT
 CAAGCAGCTGCAGGAGCGGGCTGGGGTGAAGATGATTTTAATTCAGGACGGCTCCAGAACAACAATGTG
 GACAAGCCGCTGCGGATTATTGGGGACCATACAAAGTACAGCAAGCCTGTGAGATGGTATGGACATCC
 TGCGAGAACGTGACCAGGGTGGCTTTGGGGACCGCAATGAATACGGATCTCGGGTTGGCGGAGGCATCGA
 TGTGCCTGATCCCGGCATTTCGGTTGGTGTGGTCAATGGCCGGAGTGGAGAGATGATCAAGAAGATCCAG
 AATGATGCTGGTGTGCGCATCCAGTTCAAGCAAGATGACGGGACCGGCCCTGAGAAGATTGCTCACATCA
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 GTGGGGAGAACGTGAAGGCCATTAACCAGCAGACAGGCGCCTTTGTGAAATATCTCGGCAGCTGCCGCC
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 CTCATTGAGGAGAAGATAGAGGGTCCCCTGCCCAGTTGGACCAGGCCCTGGGGACCAGGCCCTGCTG
 GACCCATGGGGCCTTTCCACCCTGGACCCTTCAACCAGGGCCTCCAGGGCACCACCACATGCTGGTGG
 TCCCCCTCCTCACCAGTACCCGCTCAGGGCTGGGGCAATACCTACCCGAGTGGCAACCACCTGCCCT
 CATGACCCAAACAAGCTGCAGCAGCAGCTACAGACCCTAATGCTGCCTGGGCCGCTACTACTCCCCT
 ACTACCAGCAACCCCGAGCCCGTGCAGGCCCTGCCAGGCCCTGCAGGCCACCTGCAGCAAGGGGA
 GCCCCCCAGCCTCCACCTACTGGCCAATCAGACTATACCAAGGCTTGGGAAGAGTATTACAAAAAAT
 GGCCAGCAGCCCCAGCAGCCTGGGGCGCCCCACAGCAGGATTACACCAAGGCCTGGGAGGAGTACTACA
 AGAAGCAAGCACAAGTGGCCACTGGTGGGGTCTGGAGCACCCCTGGCTCCAGCCTGACTACAGTGC
 CGCCTGGGCTGAGTATTACAGACAGCAGGCTGCTTACTACGGACAGACCCAGGCCCTGGTGGCCACAG
 CCACCTTCCACCCAGCAGGGACAGCAGCAGGCAACTGAAGCAATGGATATGAATTCATCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Plasmid Map:


ACCN: NM_133602

ORF Size: 2163 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_133602.1](#), [NP_598286.1](#)

RefSeq Size: 2184 bp

RefSeq ORF: 2166 bp

Locus ID: 171137
UniProt ID: [Q99PF5](#)
Cytogenetics: 9q12
MW: 74.2 kDa
Gene Summary: binds to the microtubule-associated protein 2 (Map2) 3 dendritic targeting element; may play a role in nucleocytoplasmic mRNA targeting [RGD, Feb 2006]