

Product datasheet for **RN204740**

Khsrp (NM_133602) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN204740 representing NM_133602
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGACTACAGCACGGGAGGTCCCCGCCCGCCCGCCCTCCCGTGGCGGAGGAGGAGGCCG
 CGGGTGCGGGAGGAGCCCTCCGCCGGGCCCGCGGGTGCGGGAGACCGGGCGGCGGAGCCCTGGCGG
 CGGCGGCCCGGGTGGAGGAGCGCGTCCGGGGGCCCTTCGCAGCCTCCGGGTGGCGGCGGTCCGGGATA
 CGCAAGGACGCCCTTCGCCGACGCCGTRCAGCGGGCCCGCCAGATTGCAGCCAAAATCGGAGGTGATGCTG
 CTACCACCGTGAATAACAACACTCTGATTTCCGTTTTGGGGCCAAAAGAGACAGCTGGAAGATGGAGA
 CCAGCCAGACAGCAAGAACTGGCTTCCAGGGAGATTCAATTGGTTCTCAGCTGGGACCATCCATCCT
 CCCCCAGGACCTCAATGACAGAAGAGTATAGGGTCCGGACGGCATGGTGGCTTGATCATTGGCAGAG
 GTGGTGAAGCAGATAAAACAAAATCCAGCAGGACTCAGGCTGCAAAGTTCAGATCTCACCAGATAGTGGCGG
 CCTCCCTGAGCGCAGTGTGCCCTGACTGGAGCACCAGAGTCTGTCCAAAAGGCAAGATGATGCTGGAT
 GACATTGTGTCTCGGGGCGGTGGAGGCCCCAGGACAGTTCATGACAACGCCAACGGGGTCAAGATG
 GCACAGTGCAGGAGATCATGATCCCTGCTGGCAAGGCTGGCTGGTCAATTGGCAAGGGTGGAGAGACCAT
 CAAGCAGCTGCAGGAGCGGGCTGGGGTGAAGATGATTTTAATTCAGGACGGCTCCAGAACAACAAATGTG
 GACAAGCCGCTGCGGATTATTGGGGACCATACAAAGTACAGCAAGCCTGTGAGATGGTATGGACATCC
 TGCGAGAACGTGACCAGGGTGGCTTTGGGGACCGCAATGAATACGGATCTCGGGTTGGCGGAGGCATCGA
 TGTGCCTGATCCCGGCATTCCGTTGGTGTGGTCAATGGCCGGAGTGGAGAGATGATCAAGAAGATCCAG
 AATGATGCTGGTGTGCGCATCCAGTTCAAGCAAGATGACGGGACCGGCCCTGAGAAGATTGCTCACATCA
 TGGGGCCTCCAGATCGGTGTGAGCATGCAGCCCGGATCATCAATGACCTCCTCCAGAGTCTCGGAGTGG
 GCCCCAGGTCCCGAGGGGCCCTGGCATGCCCTGGAGGCCGGGGCCGGGGCCGAGGCCAAGGCAAC
 TGGGGCCCTCCTGGAGGGGAGATGACTTCTCCATTCCATACCCATAAATGTGGGCTGGTCAATTGGCCGAG
 GTGGGGAGAACGTGAAGGCCATTAACCAGCAGACAGGCGCCTTTGTGAAATATCTCGGCAGCTGCCGCC
 CAATGGAGACCCCAATTTCAAGTTATTTGTATCCGGGGCTCACCTCAGCAGATTGACCATGCAAAGCAG
 CTCATTGAGGAGAAGATAGAGGGTCCCCTGCCCAGTTGGACCAGGCCCTGGGGGACCAGGCCCTGCTG
 GACCCATGGGGCCTTTCCACCCTGGACCCTCAACCAGGGCCTCCAGGGGACCACCACATGCTGGTGG
 TCCCCCTCCTCACCAGTACCCGCTCAGGGCTGGGGCAATACCTACCCGAGTGGCAACCACCTGCCCT
 CATGACCCAAACAAAGCTGCAGCAGCAGCTACAGACCCTAATGCTGCCTGGGCCGCTACTACTCCCCT
 ACTACCAGCAACCCCGAGCCCGTGCAGGCCCTGCCAGGCCCTGCAGCCCCACCTGCGCAAGGGGA
 GCCCCCCAGCCTCCACCTACTGGCCAATCAGACTATACCAAGGCTTGGGAAGAGTATTACAAAAAATT
 GGCCAGCAGCCCCAGCAGCCTGGGGCGCCCCACAGCAGGATTACACCAAGGCCTGGGAGGAGTACTACA
 AGAAGCAAGCACAAGTGGCCACTGGTGGGGTCTGGAGCACCCCTGGCTCCAGCCTGACTACAGTGC
 CGCCTGGGCTGAGTATTACAGACAGCAGGCTGCTTACTACGGACAGACCCAGGCCCTGGTGGCCACAG
 CCACCTTCCACCCAGCAGGGACAGCAGCAGGCAACTGAAGCAAAATGGATATGAATTCATCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133602
Insert Size: 2166 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	<u>NM_133602.1</u> , <u>NP_598286.1</u>
RefSeq Size:	2184 bp
RefSeq ORF:	2166 bp
Locus ID:	171137
UniProt ID:	<u>Q99PF5</u>
Cytogenetics:	9q12
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]