

Product datasheet for **RR206772**

Khdrbs2 (NM_133318) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Khdrbs2 (NM_133318) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Khdrbs2
 Synonyms: Slm1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR206772 representing NM_133318
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGGAGAAGAGAAATACTTGCCTGAGCTGATGGCAGAGAAGGATAGCCTTGATCCATCTTTTGTGCACG
 CGTCGCGCCTTCTGGCGGAAGAAATTGAGAAATCCAAGGCTCGGATGGAAGAAAAGAAGATGAGGAAAA
 GAAGTATCTCGATGTCATCAGCAACAAAACATAAAGCTCTCGAAAGGGTATTGATCCCGTGAAACAG
 TATCCAAGTTCAATTTTGTGGGGAAATTGCTTGGACCAAGAGGAACTCCTTGAAGAGGCTACAAGAAG
 AAACGGGTGCTAAAATGTCTATCCTGGGCAAAGGATCGATGCGTGACAAGGCAAAGGAAGAAGAGCTGAG
 GAAGAGTGGGGAGGCCAAGTATGCCACCTGAGTGACGAACTGCACGTATTAATTGAAGTGTTCCTCCA
 CCCGGGAAGCTTACTCACGGATGAGTCATGCTTTGGAAGAGATTAATAAATTCCTGGTTCCTGACTACA
 ATGATGAAATTCGTCAAGAGCAACTCCGGGAGTTGTCTTACTTGAATGGCTCAGAAGAGTCTGGCCGGG
 CCGAGGTATTAGAGGCAGAGGGATCAGAATAACTCCACAGCTCCTTCAAGGGCCGTGGGGGTGCTGTT
 CCACCACCACCACCCTGGACGAGGTGTTCTTACCCCTCGGGGAACCACTGTGACCCCGGAGCTCTCC
 CAGTACCCCAAGTAGCAAGAGGTGTCACACACCTCGAGCCCGGGGAACAGCAGCGGTCCAGGATACAG
 AGCGCCCCACCTCCAGCTCCTGAGGCTTATGAAGAGTATGGGTACGATGATGGCTATGGGGTGAATAT
 GATGACCAGACCTATGAGGCTTATGATAATAGCTACGTGACCCCGACACAAAGTGTGCCTGAATACTATG
 ACTATGGTCATGGAGTAAATGAGGATGCCTATGACAGCTACGCACCAGAAGAATGGACCACAACCCGCTC
 CAGCCTGAAGGCACCACCACCAAGGTCAGCCAGAGGGGATACAGGGAACACCCCTATGGTAGATAT

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA



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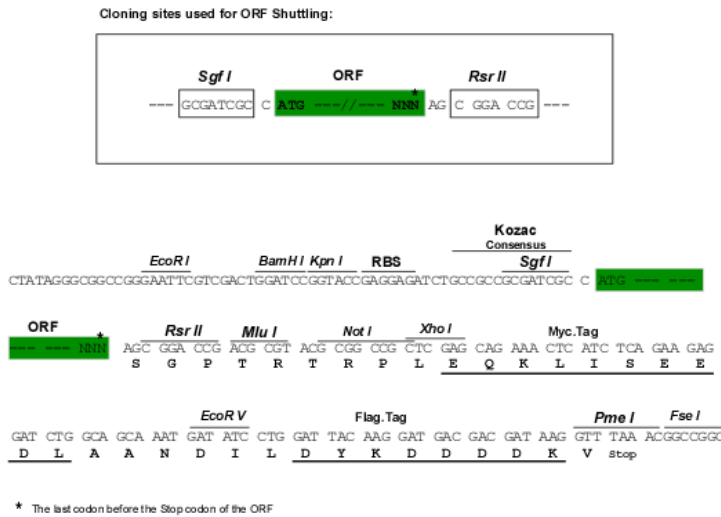
Protein Sequence: >RR206772 representing NM_133318
 Red=Cloning site Green=Tags(s)

MGEEKYLPPELMAEKDSLDPFVHASRLLAEEIEKFQGS DGRKEDEEKYLDVSNKNIKLSERVLIPVKQ
 YPKFNFV GKLLGPRGNSLKRLQEETGAKMSILGKGSMDKAKEEELRKSGEAKY A H L S D E L H V L I E V F A P
 PGEAYSRMSHAL E E I K K F L V P D Y N D E I R Q E Q L R E L S Y L N G S E E S G R G R G I R G R G I R I T P T A P S R G R G G A V
 P P P P P G R G V L T P R G T T V T R G A L P V P P V A R G V P T P R A R G T A A V P G Y R A P P P P A P E A Y E E Y G Y D D G Y G G E Y
 D D Q T Y E A Y D N S Y V T P T Q S V P E Y D Y G H G V N E D A Y D S Y A P E E W T T R S S L K A P P P R S A R G G Y R E H P Y G R Y

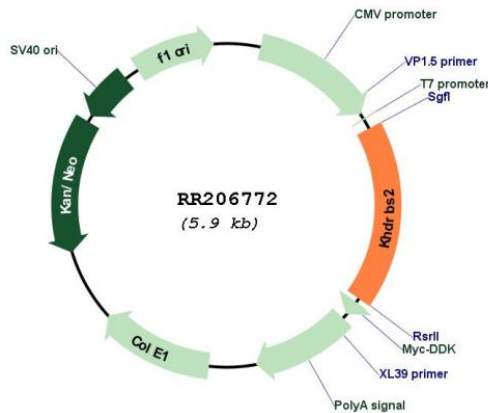
SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_133318

ORF Size: 1047 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_133318.1 , NP_579852.1
RefSeq Size:	1992 bp
RefSeq ORF:	1050 bp
Locus ID:	170843
UniProt ID:	Q920F3
Cytogenetics:	9q21
MW:	38.9 kDa
Gene Summary:	mouse homolog binds RNA, also binds SH2 and SH3 domain containing proteins; is tyrosine phosphorylated by Src and may act as a Src adapter protein during mitosis [RGD, Feb 2006]