

## Product datasheet for **RR210978**

### **Khdrbs1 (NM\_130405) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Khdrbs1 (NM_130405) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Khdrbs1
Synonyms:	P62; Sam68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RR210978 representing NM\_130405  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCAGCGCCGGGACGACCCCTGCCGCGCCTCACCCGGTCTCGGGCCGACGCTGCTCCAAGACCCGT  
 CAGGTGCCACCCCTCGGTGCGTCTGACCCGCTCGGCCGTCGCGCTTCTCACCGGTCCCGGGGAGG  
 CGGAGGTGGGCCAGAGGAGCGCTCGGCCCTCGCCCGTACGCAGCCGCGCCGCTGCTGCCTCCCTCT  
 AATCCGGTCCCGACGCGACTGTGGTGGTTCCGCGCCGACCCGCTACTGCCCCGTCAGCCACAGCCG  
 CGGCCAAGATGGAGCCGGAATAAGTACCTGCCTGAACCTCATGGCTGAGAAGGACTCGCTCGACCCGTC  
 CTTCACTACGCCATGCAGCTGCTGTCCGTAGAAATTGAGAAGATTGAGAAGGGAGAGTCAAAAAAGAT  
 GACGAGGAGAATTATTTGGACTATTTTCTCATAAAGACATGAAGCTGAAAGAGCGGGTACTGATCCCTG  
 TCAAGCAGTATCCAAAGTCAATTTTGTGGGAAGATTCTTGACCACAAGGAAATACAATCAAAGACT  
 CCAGGAAGAGACTGGTCAAAGATCTGTCTTGGGGAAGGGTTCGATGAGAGACAAAGCCAAGGAGGAA  
 GAGTTGCCAAGGTGGAGACCCAAATATGCCATTTAAATATGGATCTGCATGTCTTATTGAAGTCT  
 TTGGACCCCATGTGAAGCTTATGCTCTTATGGCCATGCTATGGAAGAAGTCAAGAAATTTCTAGTACC  
 AGACATGATGGATGATATCTGCCAGGAGCAGTTTCTAGAATTGTCCTACTTGAATGGAGTTCCTGAACCC  
 TCTCGTGGTCTGGGGTGTCTGTGAGAGGACGAGGAGCTGCCCTCCTCCTCCACCTGTTCCAGAGGAC  
 GTGGTGTGGGCCACCTAGAGGGGCTTTGGTTCGTGGAACCCAGTAAGAGGCTCCATCACCAGAGGTGC  
 CACTGTGACTCGAGGGGTGCCACCCACCTACTGTGAGGGGTGCTCAAACCCGAGAGCTCGGACAGCT  
 GGTATTCAGAGAATACCTTTGCCTCAAACACCTGCACCAGAAACATACGAAGATTATGGATATGATGATT  
 CATATGCAGAACAGAGCTACGAAGGCTATGAAGGCTATTACAGCCAGAGTCAAGGGGAGTCAGAGTATA  
 TACTATGGACATGGGGAGCTTCAAGATTCTTATGAAGCCTATGGACAAGATGACTGGAATGGGACCAGG  
 CCATCACTGAAGGCTCCTCCAGCTAGGCCAGTGAAGGGAGCATACAGAGAGCACCCATATGGACGTTAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR210978 representing NM\_130405  
 Red=Cloning site Green=Tags(s)

MQRDDPAARL TRSSGRSCSKDPSGAHPSVRL TPSRPSPLPHRSRGGGGPRGGARASPATQPPPLLPPS  
 NPGPDATVVGSAPTPLLPPSATAAAKMEPENKYLPELMAEKDSLDPSTHAMQLLSVEIEKIQKGESKDD  
 DEENYLDLFSHKNMKLERVLI PVKQYPKFNFGKILGPQGNTIKRLQEETGAKISVLGKGSMDKAKEE  
 ELRKGGDPKYAHLNMDLHVFI EIVFGPPCEAYALMAHAMEEVKKFLVPDMMDDICQEQFLELSYLVNGVPEP  
 SRGRGVSVRGRGAAPPPVPRGRGVGPPRGALVRGTPVRGSITRGATVTRGVPPPPTVRGAPTPRARTA  
 GIQRIPLPPTPAPETYEDYGYDDSYAEQSYEGYEGYYSQSQGESEYYDYGHGELQDSYEA YGQDDWNGTR  
 PSLKAPPARPVKGAYREHPYGRY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/ja1778\\_d10.zip](https://cdn.origene.com/chromatograms/ja1778_d10.zip)

**Restriction Sites:**

Sgfl-Mlul

## Cloning Scheme:



ACCN: NM\_130405

ORF Size: 1329 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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).

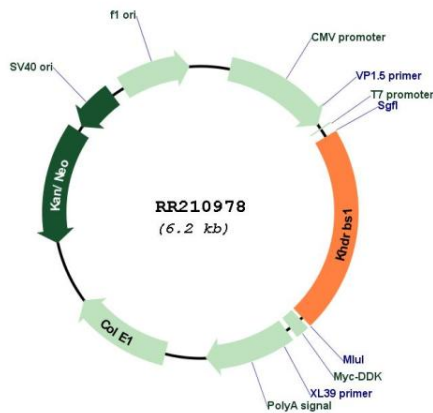
Reconstitution Method:

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\\_130405.1](#), [NP\\_569089.1](#)

RefSeq Size:	2655 bp
RefSeq ORF:	1332 bp
Locus ID:	117268
UniProt ID:	<a href="#">Q91V33</a>
Cytogenetics:	5q36
MW:	48.8 kDa
Gene Summary:	RNA binding protein and acts as a substrate of the Insulin receptor and may have a role as a docking protein in Insulin receptor signaling [RGD, Feb 2006]

## Product images:



Circular map for RR210978