

Product datasheet for **RN210978**

Khdrbs1 (NM_130405) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN210978 representing NM_130405
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCAGCGCCGGGACGACCTGCCGCGCCTCACCCGGTCTCGGGCCGAGCTGCTCCAAGACCCGT
 CAGGTGCCACCCCTCGGTGCGTCTGACCCCGTCTCGGCCGTGCGCGTTCCTCACCGGTCCCGGGGAGG
 CGGAGGTGGGCCAGAGGAGCGCTCGGCCCTCGCCCGTACGCAGCCGCGCCGCTGCTGCCTCCCTCT
 AATCCGGGTCCCGACGCGACTGTGGTGGGTTCCGCGCCGACCCCGCTACTGCCCCGTCAGCCACAGCCG
 CGGCCAAGATGGAGCCGGAATAAGTACCTGCCTGAACCTATGGCTGAGAAGGACTCGCTCGACCCGTC
 CTTCACTACGCCATGCAGCTGCTGTCCGTAGAAATTGAGAAGATTGAGAAGGGAGAGTCAAAAAAGAT
 GACGAGGAGAATTATTTGGACTATTTTCTCATAAGAACATGAAGCTGAAAGAGCGGGTACTGATCCCTG
 TCAAGCAGTATCCAAAGTTCAATTTTGTGGGAAGATTCTTGACCACAAGGAAATACAATCAAAGACT
 CCAGGAAGAGACTGGTGAAAGATCTGTCTTGGGGAAGGGTTCGATGAGAGACAAAGCCAAGGAGGAA
 GAGTTGCCAAGGTGGAGACCCAAATATGCCATTTAAATATGGATCTGCATGTCTTATTGAAGTCT
 TTGGACCCCATGTGAAGCTTATGCTCTTATGGCCATGCTATGGAAGAAGTCAAGAAATTTCTAGTACC
 AGACATGATGGATGATATCTGCCAGGAGAGTTTCTAGAATTGTCCTACTTGAATGGAGTTCCTGAACCC
 TCTCGTGGTCTGGGGTGTCTGTGAGAGGACGAGGAGTGCCTCCTCCTCCACCTGTTCCAGAGGAC
 GTGGTGTGGGCCACCTAGAGGGGCTTTGGTTCGTGGAACCCAGTAAGAGGCTCCATCACCAGAGGTGC
 CACTGTGACTCGAGGGGTGCCACCCACCTACTGTGAGGGGTGCTCCACACCGAGAGCTCGGACAGCT
 GGTATTCAGAGAATACCTTTGCCTCCAACACCTGCACCAGAAACATACGAAGATTATGGATGATGATT
 CATATGCAGAACAGAGCTACGAAGGCTATGAAGGCTATTACAGCCAGAGTCAAGGGGAGTCAAGATTATTA
 TGACTATGGACATGGGGAGCTTCAAGATTCTTATGAAGCCTATGGACAAGATGACTGGAATGGGACCAGG
 CCATCACTGAAGGCTCCTCCAGCTAGGCCAGTGAAGGGAGCATACAGAGAGCACCCATATGGACGTTATT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_130405

Insert Size: 1332 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 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](#)

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: [Q91V33](#)

Cytogenetics: 5q36

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]