

## Product datasheet for **MC212336**

### Khdrbs2 (NM\_133235) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Khdrbs2 (NM\_133235) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Khdrbs2  
**Synonyms:** 6330586C16Rik; mSLM-1; Slim1; SLM; SIm-1; SIm1; Tg(LRRK2\*R1441G)135Cjli; TG-RP135  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212336 representing NM\_133235  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGC**C

ATGGGAGAAGAGAAATACTTGCCTGAGCTGATGGCAGAGAAGGATAGCCTGGATCCATCTTTTGTGCACG  
 CGTCGCGCCTTCTGGCGGAAGAAATTGAGAAATTTCAAGTTTCAGATGGGAAAAAGGAAGATGAAGAAA  
 GAAATATCTCGATGTCATCAGCAACAAAACATAAAGCTCTGAAAGAGTATTGATTCTGTGAAACAG  
 TATCCAAAGTTCAATTTTGTGGGAAATTTGCTTGGACCAAGAGGAAACTCCTTGAAGAGGCTACAAGAAG  
 AAACGGGTGCTAAAATGTCTATCCTGGGCAAAGGGTCCATGCGAGATAAGACAAAAGGAAGAAGAGCTGAG  
 GAAGAGTGGGGAGGCCAAGTATGCCACCTGAGTGATGAGCTGCATGTATTAATTGAAGTGTTCCTCCA  
 CCCGGGAAGCTTATTCACGGATGAGTCATGCCTTGAAGAGATTAATAAATTCCTGGTTCCTGACTACA  
 ATGATGAAATTCGTCAAGAGCAACTCCGGGAGTTGTCTTACTTGAATGGCTCAGAAGAGTCTGGCCGGG  
 CCGAGGTATTAGAGGCAGAGGGATCAGAATAACTCCCACAGCTCCATCAAGGGCCGTGGCGGTGCTGTT  
 CCACCACCACCACCCTGGACGAGGTGTGCTTACCCCTCGGGGACCACTGTGACCCGTGGAGCTTTC  
 CAGTGCCCCCAATAGCAAGAGGTGTCCCACACCTCGAGCCCGGGGACGCGCAGCAGTACCAGGATACAG  
 AGCACCCCCACCTCCAGCTCATGATGCTTATGAAGAATATGGGTATGATGATGGCTATGGGGTGAATAT  
 GATGACCAGACCTATGAGGCTTATGATAATAGCTACGTGACCCCAACACAAAGTGTGCCTGAATACTATG  
 ACTACGGTCATGGAGTAAACGAGGATGCCTACGACAGCTACGCACCAGAAGAATGGGCCACAACCTCGCTC  
 CAGCCTGAAGGCACCACCACCAAGTACGCCAGAGGGGATACAGGGAGCACCCCTATGGTAGATAT**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_133235



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|                               |  |
|-------------------------------|--|
| <b>Insert Size:</b>           | 1050 bp  |
| <b>OTI Disclaimer:</b>        | 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).   |
| <b>Components:</b>            | 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).   |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>  |
| <b>RefSeq:</b>                | <a href="#">NM_133235.2</a> , <a href="#">NP_573498.1</a>  |
| <b>RefSeq Size:</b>           | 1363 bp  |
| <b>RefSeq ORF:</b>            | 1050 bp  |
| <b>Locus ID:</b>              | 170771   |
| <b>UniProt ID:</b>            | <a href="#">Q9WU01</a>   |
| <b>Cytogenetics:</b>          | 1 B  |
| <b>Gene Summary:</b>          | The protein encoded by this gene is similar to the src associated in mitosis, 68 kDa protein, which is an RNA-binding protein and a substrate for Src-family tyrosine kinases during mitosis. This protein has a KH RNA-binding motif and proline-rich motifs which may be SH2 and SH3 domain binding sites. A similar rat protein is an RNA-binding protein which is tyrosine phosphorylated by Src during mitosis. These studies also suggest that the rat protein may function as an adaptor protein for Src by binding the SH2 and SH3 domains of various other proteins. [provided by RefSeq, Jul 2008] |