

## Product datasheet for **RR210030**

### **Plekhb2 (NM\_001106899) Rat Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Plekhb2 (NM\_001106899) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Plekhb2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR210030 representing NM\_001106899  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGTTCTGGAAGAGTGGATGGTTACTTCGACAGAGCACTATTCTGAAACGCTGGAAGAAGAATTGGT  
TTGACCTGTGGTCAGACGGTCACCTGATCTACTACGATGACCAGACTCGGCAGAGCATAGAGGATAAGGT  
CCACATGCCCGTGGACTGCATCAATATCCGCACGGGCATGAGTGTCCGGACATCCAGCCTCCAGATGGG  
AAGCCCCAGAGACTGTCTGCTGCAGATCGTCTGCCGAGACGGGAAGACCATCAGTCTCTGTGCAGAGACA  
CAGACGATTGCTGGCATGGAAGTTTACTGTCAGGATCCAGAACAACACAGCTTATGTTGGCTCCGC  
AATCCTGTCTGAAGAGACTGCAGTGGCCGCTCGCCGCCTCCCTACGCAGCCTATGCTACACCGACCCCT  
GAGGTCTACGGCTATGGTCCATACAGTGGCGCGTACCCAGCAGGAAGTCAAGTTGTCTATGCCGCCAACG  
GGCAGGCGTATGCAGTGCCATACCAGTACCCATATGCAGGAGTTTATGGACAACAGCCTGCCAACCAAGT  
CATCATCCGTGAACGGTACCGAGACAGTACAGTACCTGGCCCTGGGCATGCTTGTGGGCAGCCACA  
GGCATGGCCCTGGGCTCTCTGTTCTGGTCTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR210030 representing NM\_001106899  
**Red=Cloning site Green=Tags(s)**

MAFVKSGWLLRQSTILKRWKNWFDLWSDGHLIYYDDQTRQSIEDKVHMPVDCINIRTGHECRDIQPPDG  
KPRDCLLQIVCRDGTISLCAESTDDCLAWKFTLQDSRTNTAYVGSAILSEETAASAASPPPYAAYATPTP  
EYVYGPYSGAYPAGTQVYYAANGQAYAVPYQYPYAGVYQQPANQVIIRERYRDSDSLALGMLAGAAT  
GMALGSLFWVF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



[View online »](#)



<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>	<u>NM_001106899.1, NP_001100369.1</u>
<b>RefSeq Size:</b>	3266 bp
<b>RefSeq ORF:</b>	666 bp
<b>Locus ID:</b>	301337
<b>Cytogenetics:</b>	9q21
<b>MW:</b>	24.5 kDa