

## Product datasheet for RN208712

### Plekhb1 (NM\_172033) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Plekhb1 (NM\_172033) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Plekhb1  
**Synonyms:** Evt1; Kpl1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN208712 representing NM\_172033  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGCCCTGGTGAGGGGCGGCTGGCTATGGAGACAGAGCTCCATCCTCCGCCGCTGGAAGCGGAATTGGT  
 TTGCTCTGTGGTTGGATGGCAGCTGGGTTACTACCACGATGAGACGGCACAGGACGAGGAGACCGTGT  
 AGTTATCCACTTCAATGTCCGAGACATAAAGGTCGGCCAGGAGTGTGAGGATGTGCAGCCCCAGAGGGC  
 AGGAGCCGAGATGGCCTGCTGACAGTGAACCTACGGGAGGGTTCCCGCCTGCACCTGTGCGCAGAGACCC  
 GGGATGATGCCATAGCATGGAAGACAGCCCTGATGGAGGCAAACCTCCACCCCGGCCCCAGCTGGAGCCAC  
 CGTCCCACCCAGGAGCCGTGGGTTTGGCCCTAAGGTCAGGTGTACGAGCCTCTCATGGAAGCCCTGTAAG  
 GTTGAGAGGGCGGATCTGGGTACGCGTCTACAGTCCATATCAAGACTACTATGAGGTGGTACCCCCAACG  
 CACACGAGGCCACGTATGTCCGAGCTACTATGGGCCACCTTATGGTCTGGTGTGACACATGTGATCGT  
 GCGAGAGGATCCCTGCTACAGCTCTGGCGCCCCTTGGCCATGGGCATGCTTGTGGGGCTGCCACGGGT  
 GCTGCCCTTGGCTCACTTATGTGGTCCGCTTGTGGTTCGA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_172033  
**Insert Size:** 672 bp



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<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_172033.2</a> , <a href="#">NP_742030.1</a>
<b>RefSeq Size:</b>	1901 bp
<b>RefSeq ORF:</b>	672 bp
<b>Locus ID:</b>	64471
<b>UniProt ID:</b>	<a href="#">Q9WU68</a>
<b>Cytogenetics:</b>	1q32
<b>Gene Summary:</b>	may play a role in ciliated cell differentiation or function [RGD, Feb 2006]