

Product datasheet for **MC212793**

Plekhb2 (NM_145516) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plekhb2 (NM_145516) Mouse Untagged Clone
Tag: Tag Free
Symbol: Plekhb2
Synonyms: 2310009M15Rik; AU018239; evt-2; Evt2; Phdc
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212793 representing NM_145516
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGTTCGTGAAGAGTGGATGGTTACTTCGGCAGAGCACCATTCTGAAACGCTGGAAGAAGAATTGGT
TCGACCTGTGGTCAGACGGTCACCTGATCTACTACGATGATCAGACTCGGCAGAGCATAGAGGATAAGGT
CCACATGCCCGTGGACTGCATCAATATCCGCACGGGCATGAGTGCCGGGACATCCAGCCTCCAGATGGG
AAGCCCAGAGACTGTCTGCTGCAGATCGTTTGCCGAGACGGGAAGACCATCAGTCTCTGTGCAGAGAGCA
CAGACGATTGCCTGGCATGGAAGTTTACTGCGAGGATCCAGAACAAACACAGCTTACGTTGGTTCAGC
AATCCTGTCTGAAGAGACTGCAGTGGCCGCGTCCCGCCTCCCTACGCAGCCTATGCTACACCAACCCCT
GAGGTCTACGGCTATGGTCCATACAGCGGCGCATACCCCGCAGGAACCAAGTTGTCTATGCCGCCAACG
GGCAGGCATATGCAGTGCCATACCAGTACCCGTATGCAGGAGTTTATGGACAACAGCCTGCCAACCAAGT
CATCATCCGCGAGCGGTACCGAGACAATGACAGTGACCTGGCTCTGGGCATGCTCGCCGGGCGAGCCACC
GGCATGGCCCTGGGCTCTCTGTTCTGGTCTTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_145516
Insert Size: 666 bp



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OTI Disclaimer:	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).
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:	<ol style="list-style-type: none">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:	<u>NM_145516.2</u> , <u>NP_663491.1</u>
RefSeq Size:	3317 bp
RefSeq ORF:	666 bp
Locus ID:	226971
UniProt ID:	<u>Q9QZC7</u>
Cytogenetics:	1 B
Gene Summary:	Involved in retrograde transport of recycling endosomes.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1). Both variants 1 and 3 encode the same isoform. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.