

Product datasheet for **MG216831**

Plekhb1 (NM_001163183) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plekhb1 (NM_001163183) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Plekhb1
Synonyms: AI315628; evt-1; PHR1; Phret1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG216831 representing NM_001163183
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCCCGCAACCCCGTTCCACCCGACTCCATCCTGGAAAGTCCTTTGAAGAAATGGCCCTGGTGA
 GGGGCGGCTGGCTGTGGAGACAGAGCTCCATCCTCCGCCGCTGGAAGCGGAATTGGTTCGCTCTGTGGTT
 GGATGGCACACTGGGTTACTACCATGACGAGACGGCACAGGACGAGGAGGACCGAGTAGTCATCCACTTC
 AATGTCGAGACATAAAGGTCGGCAAGAGTGTGAGGATGTGACGCCCCAGAGGGCAGGAGCCGAGATG
 GCCTGCTGACAGTGAACCTGCGGGAGGGTTCGCCCTGCACCTGTGCGCTGAGACCCGGGATGATGCCAT
 AGCATGGAAGACTGCCCTGATGGAGGCAAATCCACCCCGCCCCAGCTGGAGCCACCGTCCCACCCAGG
 AGCCGTGCGGTTTGCCTAAGGTCAGGTGTACGACCTCTCATGGAACCCCTGTAAGGTTGAGAGGCGGA
 TCTGGGTACGCGTCTACAGCCGATCAGGACTACTATGAGGTGGTCCACCCAACGCACATGAAGCCAC
 ATATGTCCGACGCTACTATGGGCCACCTTATGCAGGTCTGGTGTGACACACGTGATAGTTTCGAGAGGAC
 CCCTGCTACAGCTCAGGCGCCCCTTGGCCATGGGCATGCTTGTGGGCTGCCACGGGTGCTGCTCTTG
 GTTCACTTATGTGGTTCGCTTGTGGTTC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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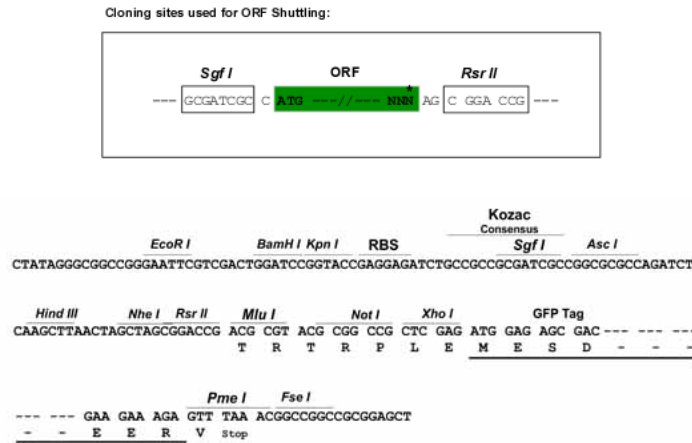
Protein Sequence: >MG216831 representing NM_001163183
 Red=Cloning site Green=Tags(s)

MSPATPVPPDSILES PFEEEMALVRGGWLWRQSSILRRWKRNFALWLDGTLGYYHDETAQDEEDRVVIHF
 NVRDIKVGQEQDVQPPEGRSRDGLLTVNLREGSRLHLCAETRDDAIAWKTALMEANSTPAPAGATVPPR
 SRRVCPKVRCTTLSWNPCKVERRIWRVYSPYQDYEVVPPNAHEATYVRSYYGPPYAGPGVTHIVRED
 PCYSSGAPLAMGMLAGAATGAALGSLMWSPCWF

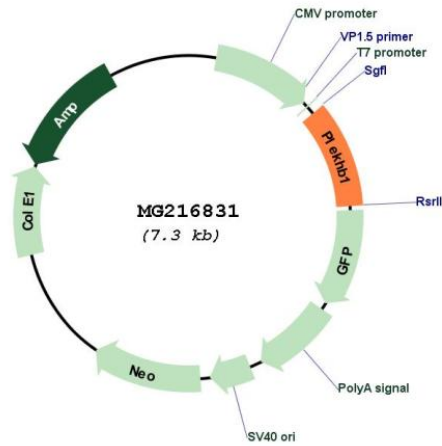
SGPTRRRLE - GFP Tag - V

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001163183

ORF Size: 672 bp

OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001163183.1 , NP_001156655.1
RefSeq Size:	1929 bp
RefSeq ORF:	675 bp
Locus ID:	27276
UniProt ID:	Q9QYE9
Cytogenetics:	7 E2