

Product datasheet for MC224112

Plekha5 (NM_144920) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plekha5 (NM_144920) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Plekha5
Synonyms:	2810431N21Rik; AI428202; AK129423; AMH-Cre; Ayu21-9; Gt(pU21)9Imeg; Pepp2; Tg(AMH-cre)1Flor
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224112 representing NM_144920 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCCGACCTGAACCTGGAGTGGATCTGCTCGTCCGCGCTCCTGGACGTACGGGATCACTAGGG
GCGGCCGCGTCTTCTTCATCAACGAGGAGGCCAAGAGCACCACTGGCTACACCCGGTACCGGCGGAGGC
CGTGGTACCGGGCACCGCGGCAGAGCACAGATTTGCCACTGGCTGGGAAGAAGCATATACGTTTCGAA
GGTGCAAGATACTATATAAACCACAATGAAAGGAAAGTGACCTGCAAGCATCCGGTTACAGGACAGCCAT
CCCAAGACAAGTGTATCTTTGTTGTAATGATCAGACTGTTGCAACCATGACGTCCGAAGACAAGAAGGA
ACGACCCATAAGTATGATAAATGAAGCTTCCAATTACAACATGGCTTCAGATTATGCAGTGCATCCCATG
AGCCCTGTGGGCAGGACCTCGCGGGCCTCCAAAAGGTTTCATAATTTGGGAAAAGGTCCAATTCATTA
AAAGGAACCTAATGCACCTGTGGTCCGGCGTGGCTGGCTGTATAAGCAGGACAGCACCGGCATGAAGCT
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AATTTCCGAGTGGACAAGATTACAACCTGACAGTGCATCAACCAAGAAACCAATTAACATTCACCAACCA
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GGGCCGGGAGCAGAAGAGAAGCGGCGATCCATGAGAGATGACACCATGTGGCAGCTGTACGAGTGGCAGC
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 GCAGGTGTCTGACCAGACGATGCACTCCATCCCCACGTCACTTCCCATGGGTCAGCAGCTGCTTACCAG
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 AACTTTACAGGCTGTTAGTCCCCAGAGCCTCAAGGCAGAACGCCAGAGGAGCTCACACTGCTGCTAATA
 AAGCTGAGACGGCAGCAGGCAGAGCTGAGTAGTGTCCGGGAGCACACCTTAGCACAGCTCATGCAGCTGA
 AACTTGAGGCCACAGCCCAAAGAATGAGATTCTTTCACATCATCTCAAAGGAACCATATATTTGGA
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 CCACAAGTGTACCAACAATTCTTAAGACAGAAGAACAAGATAAGTCTCTATTGTCTGTACACAAGTGAAT
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 AGGTCTGGCAGGATCAAAGCCTTCTCATCAGTTAAGTACAAGAGCGAGGAAGAGGAAAGTGTCCCACCT
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 AGGATATCCAAGAAATGGATCTCACTGTGGTCCAGATTAGACTCTACAAGAGTGAGCCAGAGTTAACC
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 TCGTTAAAGTTCCCATTTTCCAGTCGGAGTTCCTCTGAGAACAAGTCACCCACACCCGAGTCTCCAC
 GATAGCTTCTATGTGACCTTGAGGAAGACTAAGAAGATGGTGGAGCTAAGAACGGAAAGACCAAGAAGT
 GCCGTGGAGCAGCTGTGTCTGGCTGAGAGTGTGACCTAGAATGACTGTGGAAGAGCAGCTAGAGAGGA
 TCAGGAGACACCAGCAGGCCTGCCTGAGGGAGAAGAAGAGGGGCTGAGTGTCTCGGTGCTTCCGACCC
 GTCAGACGTGAGGGACAGTCCACTCAGGCTTACTCAGACTCTAAGGAGGGATGATAACGTTAAGGAGCTA
 GACACCGTCCACAGAGAAAATGATGTAAGCCAGACTACGAGACTCCAGCAGCACAGTGTGCTCACCTAG
 AAGACGCTGAACCCAGAATGCAGACATCGGCAGAAAGCTAAAAAGATCTGAAATGCTTTACACACCTGA
 ACCAAATGGAATGGCTTCTGAGGAAGTGACGGAGAAGGAAAGACAGAAAGAGCAGGTGCATGCCGATGGG
 TCATGCAGCCCTCAGGAAGAGACGGCCATGACAGAGCATCAGATGGAAGGCCCCCTGAGGAAGCAGAGA
 GTCTTCATGAGGAGGAAGAACTCTTGCTTCTGTGAGCCAGCTCCTGAGATTCTAGGGAGAATCAAAC
 CACAGTGAGAAGTCTGTCCCGTCTCCTGACTCTCCACGGCAGCAGATCCGCCACTCCTCCACAGCTC
 AGGGAAGGATCGCATTTTCATGTGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_144920
- Insert Size:** 3810 bp
- 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:

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_144920.3](#), [NP_659169.3](#)

RefSeq Size: 5133 bp

RefSeq ORF: 3810 bp

Locus ID: 109135

Cytogenetics: 6 G2