

Product datasheet for **MG207551**

Plekha4 (NM_148927) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plekha4 (NM_148927) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Plekha4
Synonyms:	2410005C22Rik; C88169; Pepp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207551 representing NM_148927
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCACCTCGACGAGACCCCACTTGCCTGGTGCACATCCGTGGCTGGCTGCACAAACAGGACAGCTCAGG
 CCTCCGGCTGTGGAAGCGCCGTTGGTTCGTCCTTTTCAGGCCATTGCCTCTTCTACTATAAGGGCAGAGCA
 CCCGGGCATGAGGACCTATGTCCTTGCAGCTGACACATTAGAGGACCTGAGAGGTTGGCTTCGAGCACTG
 GGGAGGGCCTCTCGTGCGGAGGGGAAGATTGCGGACTCCCGAGGTACCTGCACGTCCCAGGCCTGGG
 AAGTCTGGGGACCCGAGGACCCCAAGAGGTGAACAGAAGGAAGAGGGGCGCATCTCAGAATCACC
 AGAGGTAGCTCGGCTCTCCAGAGGTCTTGGCAGACATGAAACGCACACTCCCACTACAGTGGATCTG
 CAGACTGACACCTGGAGTCGTAGAACCAGGAGCCAGAGTTGTTCTACCCCTTTCCCGCCTCCCTCC
 CTCTGAGCCTTCCCGTCTCGCTCTGCCCGGCCGCGGACCCCTCTCTCAGCAGGAGACATCTCATT
 TCCTGCCGACCCATACTCCTTTGAGTGCATCGATGTCGACCTCCTCTGGATTGGGGACCCAAAGA
 CAGACCTCTCCGACCTCCATTCCACGCCGAGGACCTTCTCTGAAGCTGGCGGAGAACGGCCACCCA
 GGAGTCCCGACCCCGGACACCAGAGCAGAGAACGCAGTCTACCCAGGCCACCTCTGGTTCGTCCACCTA
 TCTCCAGCTGCCCAAGACCTCCTGGGACCCAGGCTCCATGATTTTGTGCCAGGACCCCTGTGGAC
 TCAGCTTTCATCAGAGCTTGGAGACAGATACGTTGTTGACTAAGCTGTGTGGGACGACCCGCTCCTGA
 GGCAGCTACAGGAGGATCTGGACAAGAGGACGAGGAGAGAAGGAGCAGCTGGAGGCAGCTTTGGAGCTGAC
 CCGGCAGCAGCTGGGCAAGCTACCAGGGAGGCTGCAGCTTCCGGAAGGCTGGGGTCCGACGCGCCT
 CTGCAGGACCGGCTGGTGAACGTGAGGGCTGCTGTGTACCTGGCTCAGGAGCGAGAGCGAGTTTGGG
 ACACATACAGCGGCTGGAGCAGGACCTCGGCACCCCTAAGAGAGACGCTCGAGTACCTGTGCACCTCGG
 GTCTCCCGAGGACCGTGGTGTGCTCAACAGCAGCTGTGGATGGTGGAGGACACGCTGGCAGGTCTGGGT
 GGCCCCAGAAACAGCCCCACATACTGATCCCAAGTCTCCATCCCTGCACCCCAAGGAGAAGAGTCTCT
 CAGAGAGGAGACCTGGAATGGAATTAATCGTCAGACTTGGTGGCAAGTACCCTTATCTGCGGAGAT
 ATCTCACCGACCCCTTATT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207551 representing NM_148927
 Red=Cloning site Green=Tags(s)

MHFDETPTRCTSVAGCTNRTAQASGCGSAVGSFQAIASSTIRAHPGMRTYVLAADTLEDLRGWLRL
 GRASRAEGEDCGLPRSPARPRGEGPGGPGPEVNRREEGRISESPEVARLSRGLGRHETHPNSTVDL
 QTDTSRRTRSPFLSPLSRPPSPLSLPRRSAPARRPPLSAGDISFPARPHPLSRIDVRPLDWGPQR
 QTLRPPPIPRRGPSSEAGGERPPRSPQRTPEQRTQSTQATSGSSTYLQLPPRPPGTQASMILLPGPPVD
 SALHQSLTDTLTKLQCGDRLLRQLQEDLDRQEEKEQLEAALELTRQQLGQATREAAAASGKAWGRQL
 LQDRLVNVRAALCHLAQERERVWDYSGLEQDLGTLRETLEYLLHLGSPQDRACAQQQLWMVEDTLAGLG
 GPQKQPPHTDPKSPAPQGEESSERETLEWNLNRQTWWQVPLSAEISHQPLI

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

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_148927.1](#), [NP_683729.1](#)

RefSeq Size: 2671 bp

RefSeq ORF: 2340 bp

Locus ID: 69217

Cytogenetics: 7 B3