

Product datasheet for **MC202147**

Plekha3 (NM_031256) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plekha3 (NM_031256) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Plekha3
Synonyms:	FAPP1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031110 sequence for NM_031256
 GGTCAATGAAAACAAGCCGGCCTCTGAGGGCCGACGAGCGCGCCGGCCGGCCAGGAGGATGCGC
 GGGCCCGGCTCTGAAGCATGGAGGGGTTCTGTACAAGTGGACCAACTATCTCACAGGTTGGCAGCCTC
 GATGGTTTGTCTGGATAATGGAATCCTGTCCTACTATGACTCACAGGATGATGTCTGCAAAGGGAGCAA
 AGGGAGTATAAGATGGCGGTCTGTGAGATTAAGTCCATCCCGCAGACAACACAAGAATGGAGTTAATC
 ATTCAGGAGAGCAGCATTCTACATGAAGGCAGTAAATGCCCGGAGAGACAGAGGTGGCTGGTTGCC
 TTGGGAGCTCCAAGCGTGTGGACCGACAGGACTGCAAAAAGAGAAAGAAATGAGTGAAGCCAGTGA
 ATCTCTGAAAACCAAAATGTCTGAACTTCGCCTCTACTGTGACCTCTGATGCAGCAGGTTCCATACGATC
 CAGGAATTCGTCCACCGTATGAGAGGCATCCCTCTCCAGTGTGGAGAACATGAATGAAGCCTCCTCCT
 TGCTCAGTGCCACCTGTAACACATTCATCACACCCTGGAGGAGTGTGTGAAGATCGCCAACGCCAAGTT
 TAAACCTGAGATGTTCAACTGCCTCATCCGGATCCCCTGGTCTCTCCCGTGTGCGCTTCTCCTGTTGAG
 ATGATGAAGCGTTCAGCCAGCCACCTGGTTCCTGCAGTCCGAGAGGAGCAGCTGCTCCATCAAAGAAC
 CAGCATCTGCCCTCCACCGACTTCTCAGCGACGCCGAGAACCTACTCGGACACAGACTTTGTAATGA
 TGTTCCCCCTGAAGACCCAGAGAGACTTCTACTGTTCCAGGAAACACACTTAATGGAGATTTGGCATCA
 GCAACCATTCCGGAAGAAAGCAGACTCATGGCCAAGACACAATCTGAAGAACCTTCTGCCCTTCTCCT
 GAGGAAAACAGACATGCCAGCTTCTCCTGAGGAAAACAGACATGCCAGCTTCTCCTGAGGAAAACAGAC
 ATGCCAGCTTCTCCTGAGGAAAACAGACATGCCAGCTTCTCCTGAGTGTGCGTATGCAAAGCTGCTG
 TAATTAACCTCGGTCTGGGCTAGCTTTGCCCTCTCCTTAGGATTTCTCTGCACCTTATAGAATATTGTAA
 ACAAAACAACCCACATACTTTTGAAGTGTATTTTATCTTTCTATAGTTTACTTGCAAGAGTATTTTCTAA
 TAACCTCACAGTATGAATGTGCATCTTTTTTTTTTTTTTAAACAAATGATGGTGTAACTTTTGACATCC
 ATAAGGACAAATGTAGATATTTTCTAAAAACTGTGAGGGACTGACAGCTTGGTCAGTGTATTGTAG
 TATATAAATGAAATCTCGCCAGATTTATTTGACAGAAATGTGAGAGATGTAACCTGTGCCATGGACCA
 AAAGGTCACCTTCCACCCAGCTTAAAATTAATTACCATAGCAGCTTGATGGTGATTATATCATATTCCTTT
 AAGCAAAAAGGAAACGCTTAATATTCTAAAGTCTTTAGCCCAAATACCATGACATATTGAGCATTTTTT
 TTTAAAAAGCAGACTCCGCTGTCCTTATATGTGAAGTTGACATCTACTGATTTGTCAATACCAAACATC
 AGATTACAGTATTTAATTTTTATTTATTTATTTCTTATTGCATCAGAAGATGGTTATGCTCAACTTTT
 ATGGCCTCCCAATTTAAGATGTATATGCATAGTTGTTATTACGTTGTTCAAGATACATGAGGCAAGTG
 TCCAGTGATCTTGTCCCTTACACGAGAGAAGTAAACAGCTTTCATGGGAATGGAGTTGAGTCTTTT
 CAGAAAAAGGCAGCAAGCTGCTGTTGTAAGGTATGATTTGCAGCTCTTGGCATATCTAGAGACATTTT
 TAATTTATGAATATTTATACAAAAAGCAATTCTGTCAAGATGACTGTTCTATATCACTTGAGAATGGCAT
 TATTTAATTAAGAACAATTTGCAA AAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_031256

Insert Size: 894 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: [BC031110](#), [AAH31110](#)

RefSeq Size: 2107 bp

RefSeq ORF: 894 bp

Locus ID: 83435

UniProt ID: [Q9ERS4](#)

Cytogenetics: 2 C3

Gene Summary: Involved in Golgi to cell surface membrane traffic. Induces membrane tubulation. Binds preferentially to phosphatidylinositol 4-phosphate (PtdIns4P) (By similarity).[UniProtKB/Swiss-Prot Function]