

Product datasheet for **SC108059**

PLEKHA3 (NM_019091) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLEKHA3 (NM_019091) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLEKHA3
Synonyms:	FAPP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108059 sequence for NM_019091 edited (data generated by NextGen Sequencing)

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ATGGAGGGGGTGTGTACAAGTGGACCACTATCTCACAGGCTGGCAGCCTCGTTGGTTT
GTTTTAGATAATGGAATCTTATCCTACTATGATTCACAAGATGATGTTTGCAAAGGGAGC
AAAGGAAGCATAAAGATGGCAGTTTGTGAAATTAAGTTCATTACAGCAGACAACAAGA
ATGGAATTAATCATTCTGGAGAGCAGCATTTCTACATGAAGGCAGTGAATGCAGCTGAA
AGACAGAGGTGGCTGGTCGCTCTGGGGAGCTCCAAAGCATGTTTGACTGATACAAGGACT
AAAAAAGAAAAAGAAATAAGTGAACCAGTGAATCGCTGAAAACCAAAATGTCTGAACTT
CGCCTCTACTGTGACCTTTAATGCAGCAAGTTCATAACAATACAGGAATTTGTTCCACAT
GATGAGAATCATTATCTCCTAGTGCAGAGAACATGAATGAAGCCTCTTCTCTGCTTAGT
GCCACGTGTAACACATTCATCACAACGCTTGAGGAATGTGTGAAGATAGCCAATGCCAAG
TTTAAACCTGAGATGTTTCAACTGCACCATCCGGATCCCTTAGTTTCTCCTGTGTACCT
TCTCCTGTTCAAATGATGAAGCGTTCTGTGAGCCACCCTGGTTCTTGCAGTTCAGAGAGG
AGTAGCCACTCTATAAAGAACCAGTATCTACACTTCACCGACTCTCCAGCGACGCCGA
AGAACCTACTCAGATACAGATTCTGTAGTGATATTCCTCTTGAAGACCCAGATAGACCT
GTTCACTGTTCAAAAAATACACTTAATGGAGATTTGGCATCAGCAACCATTCTGAAGAA
AGCAGACTTATGGCCAAAAACAATCTGAATCAGAAGATACTCTCCATCCTTCTCTTCC
TGA
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Clone variation with respect to NM_019091.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_019091 unedited</p> <pre>TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTCCCTGCGGCGCGC GCAGGCAGAAAGCGGCTTCGTGCCGGCGGAGGGGGCCCGGGCGGGAGGGGCTGCC CCAGGCCCTGCGCTACCCATCACCGCGGCCGGCGCCGGGCGGGAGGATGCGCGGTGT GGGGCTCTGAAGCATGGAGGGGGTGTGTACAAGTGGACCAACTATCTCACAGGTGGCA GCCTCGTTGGTTTGTAGATAATGGAATCTTATCCTACTATGATTCACAAGATGATGT TTGCAAAGGGAGCAAAGGAAGCATAAAGATGGCAGTTTGTGAAATTAAGTTTCATTGAGC AGACAACACAAGAATGGAATTAATCATTCTGGAGAGCAGCATTCTACATGAAGGCAGT GAATGCAGCTGAAAGACAGAGGTGGCTGGTCTGGGGAGCTCCAAAGCATGTTTGAC TGATACAAGGACTAAAAAGAAAAAGAAATAAGTAAAACCAAGTGAATCGTGAAAACAA AATGTCTGAACCTCGCTCTACTGTGACCTCTTAATGCAGCAAGTTCATAACAATACAGGA ATTTGTTACCATGATGAGAATCATTCTCTCTAGTGCAGAGAATGAATGAAGCCTC TTCTCTGCTTAGTGCCACGTGTAACACATTCATCACACGCTTGAGGAATGTGTGAAGAT AGCCAATGCCAAGTTAACCTGAGATGTTCAACTGCACATTCNGATCCCTTAGNTCTNC TGTGTCACCTCNCTCTGTATGATAGAAGTCTGTGAGCAGCTTGGTCCCTGCAGTCAGAA GGAGTAGCACTCTATAAGAACAGTATAAATTACCGACTTCCACGACGGGAGAACTATA GAACGATNCTGTAGGGAATCTCTTGAACCAATGACTGTTACTGTAATAACTAA</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_019091 unedited</p> <pre>ACCGCGGCACGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTCTTGAAGTTGTTTA TTTCTCTAGTGTAAGTGAGCAAAGTCACTACAGCATTAAAATCTCTTTTCTAGAACAACG TAAAGAACAACGTATACACATCTTAAATTTGGTAGGTCACAAAAGTTAGAATGCAATCAT CTTTTGAGGCAACAAGAAAATAAATACATAAAAAATTAACACTTTAACCCAAAATTTGGT ATTGACAAATCAGTAGTGTCAACTTCACATATGAAGACAATACAGTCTGGTTATTTAAA GATGCTCAATATGTCATGGTATTTGGGCTAAAGATACTTAAAATATTGTGTTTCCTTTTT GATTAAGGAATACAATACAATCACCATCAAGCTGCTATCGTAACTCATTTTTAGCTGTG GTAAAGTGACCATTTGGTCCATGGCACAAGTTACATATATCACACTTCTGTCAAAGTAA ACCTTATAAGATTTTATGTTTATAAGCTACAATACACCCTGACCATGCTGTGAGTCCCT CAGAGTTTTTAAGAAAAATATCTACATTTGCTTATGGATGTCAAATGTTACACCATC ATTTGTTCAAAAAAAAAAAGATGCACATTCATACTGTGAAGTATTAGGAAAAACTCTTG CAACAACACTATATAAGATAAAAATACACTTCAAAGTATGTGAGTTTGTGTTTCTGTTT GTCTGTTTTACAACATCTATAAAGTGCAGAGTCTTAAAGGAAAAAACTACTCCCTATAA CAATAGTTAAATTACAGCAGCTNNTGCATAGCATTACTTANAAGAAGTTTGCACACTTTA GGTTNCTTCAGGAAGAGAAGGATGGNAGAGTATCTTCTGATTCTGATGTTTTTGGCCAT AGTCTGCTTCTCAGGAATGTTGCTGATGCAAATCTCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_019091
Insert Size:	1950 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_019091.3](#), [NP_061964.3](#)

RefSeq Size: 2516 bp

RefSeq ORF: 903 bp

Locus ID: 65977

UniProt ID: [Q9HB20](#)

Cytogenetics: 2q31.2

Domains: PH

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