

Product datasheet for **SC214607**

PLEKHA7 (NM_175058) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	PLEKHA7
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PS100062)
ACCN:	NM_175058
Insert Size:	1635 bp



Insert Sequence:

>SC214607 3'UTR clone of NM_175058

The sequence shown below is from the reference sequence of NM_175058. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CTCCCTGGAGATCTTGGCTCAGTATGTTAGGAGGGGCCAGGCAGCGGGGACAGGGAGCCGAGTG
CCCCTCAGAGTCCCCAACACAAGCACATCACACCTCCAGTGAGAGAGCTGTCCATTGACCTACATG
GTTAGAGAACACCCACGGGGCTGTTTGTCCACGACCCAGGCTGGACGAATGCCTGGTCAGAGGGTGA
CCTGAACAGAGCTGGAGTGAGGATCAACAGGCCAGGAGCCTGAGGAAATACCCAGTCAGTCTCCC
AGCCGCGATGGAGAGGGGCTTTGCAGGCGTTTGGAAATCTCGGCTGAATTCAGGACCTGGGAATACAGG
GTTAGAGAGGAGAGGAGGAAGATGGTGACATGATTTGGTTAGAAGCACAAAGCAAAGTATCAGCCTCC
CAGACCTGCCAGCAGATGCTGTGTGAGGGTGATGGAGCAGGGGTACACCCCTGCCCAAGGGCCACT
GGTCTCCCTGGGCTTGAGTGACAGAGGCTCAGGGTGCTGGGATTGCTGGGAGGCCTGTGCTGCCCC
CTGGTGGCGCTTCTGGCGCTGCGCCCTGTCCACAGTCACCTTAGGTCCCTTTGGAAACATTCCATTTG
ACTTTTCCCTGTTGTTTAAATCCCATGTTTCCCTAAACCTCTAGCCTGATTGTTCTTTCCCTAATTCA
TTGACAAGCTCCTTTGCTTTTAGTGTTACCGCTCATTGCCTCTCTAATCCTGCCTGATTGTGTTTACA
GAAGCTTCTGATTGTCATTGAACATGCTCTAAGTGGCTGTGCTACTTATTACGGGCTTGTAAATAGCG
GTTCTTGCTCCATAGCCTGTTGAGTGTTCCAGATGTGACTCACCTTTCTGCTGCCCTCTTCATGCAG
GCCTACTGACTCATAATTCATTGTCCCAAAAGCCACCCACAAGCCTGAGCCAACCTGCTGCCTGACG
CCACAGTCATTGGCAGAGGTCTGGGCATTATTAATTTATAAAAAATCCATGCTTTACACCTGGACAGTAG
ACAGGGACTTCAGAGATTGCAGTTTGAATACATTCTCCAAGACTGAGGTTGTTGCTTTTAAATCCT
GTAGTCCAATCACACAATTTCTTATGGAACCTTTTGTGTTCTGGTATTTAATAACTTGAAGGGATA
GCAAAATATACTGTGTATTAGAGGGCCTCTCTGCAGCTGCTAGCTCAGACACCAAAGGGGTAAAGCCC
AGGACATTCATATCTTTAAAGCTGCAACCTGGTAACCTTTAACTTTTAAACAAATGTCATATGGG
GTAACACTGACCTTTTATAATTTGATGCTCAATGTAGAGATTATCTAAAAATCGTAACCTGAATACC
TTGTAATTTTCTCTTAAAAAAGAAGACTTGTGTAAGTCTCTGCATCAACGCCAATAAACATGTTGCTT
AATAAATGAGTTGGCGTGGTCTTCCCCAGGATACCTTATAGAGTCTAGTGAACCTTTCTGTTTGT
GGAAACAATCAGGCTGGGTTTAAATGAGGACTGTCTCTATTTGGAGCATTTGTGAGCGTGAAGGAAA
TGAGTGTTTTCTTTGTAATCATTAAATTGATTTTTTCATCTTTGGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

Sgfl-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_175058.5

Summary:

Required for zonula adherens biogenesis and maintenance. Acts via its interaction with KIAA1543/Nezha, which anchors microtubules at their minus-ends to zonula adherens, leading to the recruitment of KIFC3 kinesin to the junctional site.[UniProtKB/Swiss-Prot Function]

Locus ID: 144100

MW: 60