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Product datasheet for RN202013

Plekha4 (NM_199101) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plekha4 (NM_199101) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plekha4
Synonyms:	MGC72599
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>RN202013 representing NM_199101
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCAGGGCCGACCCAGGAGCAGCCTCAGCCTGACCAGCAGTGCTTCCACTGTATCCTCCCTGAGCA
GCCTGAGCGCCAAGAAGCCTACTCGTGTGGTACACAAGGTCCATGCCTTTGGGAAAAGGAACAATGCACT
TCGGCGAGACCCCAACCTGCCTGTGCACATTCGTGGCTGGCTGCATAAACAGGATAGCTCAGGCCTCCGG
CTGTGGAAACGCCGTTGGTTCGTCCTTTCAGGCCATTGCCTCTTCTACTACAAGGACAGCAGAGAAGAGA
GTGTCCTGGGCAGTGTACTGTTACCCAGCTACAGTGTCAGGCCGGATGGGCCAGGAGCCCCACGAGGCCG
GCGATTCACCTTCACGGCAGAGCACCCGGGCATGAGGACCTATGTCCTTGCAGCTGACACATTGGAAGAC
CTGAGAGGTTGGCTTCGAGCACTGGGAAAGGCCTCTCGTGCAGAGGGGGAAGATTGTGGACTACCGAGGT
CCCCTGCACGTCCCAGGCCTGGGGAAGGTCCCGGGGGTCCCGGAGGACCCCCCGAGGTGAACAGAAGGGA
AGAGGGGCGAACCTCAGAATCACCAGAGGTAGCTCCGCTCTCCAGAGGTCCTGGCAGACATGAAATGCAC
GCTCCCGGCTCTTCAGCTGATCTGCAGCCTGACACCTGGAGTCGGAGAACCAGGAGCCCAGAGCCGTTCT
CACCCCTCTCCCGGCCTCCCTCCCCTCTGAGCCTTCCCCGTCCTCGTTCTGCTCCGGTCAGGCGACCACC
TCTCTCAGCAGGAGACATTTCATTTCCTGCTCGACCGCACACTCCCTTGAGTCGCATCGATGTCCGACCT
CCTCTGGATTGGGGACCCCAAAGACAGACCCTCTCCCGACCTCCCATTCCACGCCGAGGACCTTTCTCTG
AAGCAGGCGGAGGACGGCCACCCAGGAGCCCCCAGCTCCGGACACCAGAGCATAGAACACAGTCTACCCA
GGTCTCCTCTGGTTCATCCACCTACCTCCAGCTGCCCCCAAGACCCCCTGGCACCCAGGCTTCCATGATT
TTGCTGCCAGGACCCCCTGTGGACTCAACTTTGCATCAGAGCTTGGAGACAGATACTTTGTTGACCAAGC
TGTGTGGGCAGGACCGGCTCCTGAGGCAGCTACAAGAGGATCTGGACAAGAGGCAGGAAGAGAAGGAGCA
GCTAGAGGCAGCCTTGGAGCTGACCCGGCAGCAGCTGGGTCAGGCTACCCGGGAGGCTGCAGCTTCTGGG
AAGGCCTGGGGTCGCCAACGCCTCCTGCAGGACCGGCTGGTGAATGTGAGGGCTGCTCTGTGTCACCTGA
CTCAGGAGCGAGAGCGGGTTTGGGACACGTACAGCGGCCTGGAGCAGGATCTCGGCACGTTAAGAGAGAC
TCTCGAGTACCTGCTGCACCTCGGGTCTCCCCAGGACCGTGCGTCTGCCCAGCAGCAGCTGTGGATGGTG
GAGGACACATTGGCAGGTCTAGGTGGCCCCCAGAAACAGCCCCCACATACTGAGCCCAAGTCTCCATCCC
CTGCACCCCAACGAGAGGAGTCCTCAGAGCGGGAGAGCCTTTCAGAGTCACTGGAGCTCAGCTCCCCTCA
GTCCCCTGAGGTGGACTGGGGTCAACCCCCAGGAGGTGACAGAGCCCTCAGCAGCTCTCAGTCAGGTGTC
GGGTCTCCAAGAGTCTCCCGGGCATCCAGCCCTGAATGTCGCCAACAGTCATCTCCGCTGCTGAGAACTA
AGGCCCCGCTGGCGCGGCCTAGGATGAGCGCTCAGGAGCAGCTGGAGCGCATGCGTAGAAACCAAGCATG
TGGGCTCTCTCTTCCTCGCCCTACCTCCCCAAGGCTCCTGACCCTGGGAAGGACACTATCCCCAGTTCCA
CGCCAGCCTGACATGGAGCAGAGGCCTATTGTAGGAGCTGCGAAATGGCTCAGGAGTTCCGGGTCATGGA
GTAGTCCTAGGCACTCCACAACCTACTCACCCGTGTCTGGAGGCCACCGGGAACGAGTGCTCAGCCTCTC
CCAAGCTCTTGCTACAGAGGCTTCCCAGTGGCACAGGCTGATGACAGCCTCTCCAGAGAGAAATTTGGAC
ACCAGGGGAGACTGTCTCCAGCCAAGTCCACAGCCTCCCAGTGAAGAGCTGCCCCAGGTCACCTCGTCCC
CAACTTCTCACAAGGCTAACTCGGCTACCACAGGGTTCTCATGCCAAGGGAGTGGGAGAGGCCTGGCTCC
GTGGGAGCCCAGGTGGGACCCTGGGAAGGCCCCTCCAGCTCTGGCCCAGGAAGAGGGGGCATGGCCCCTG
AGAGTCACTCTGCTGCAGTCCAGCTTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_199101

Insert Size: 2340 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_199101.1, NP_954532.1
RefSeq Size:	2833 bp
RefSeq ORF:	2340 bp
Locus ID:	308584
UniProt ID:	P60669
Cytogenetics:	1q22
Gene Summary:	human homolog is a phosphatidylinositol-three-phosphate-binding protein [RGD, Feb 2006]