

Product datasheet for SC126130

PHACTR4 (BC029266) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	PHACTR4
Synonyms:	DKFZp686L07205; FLJ13171; MGC20618; MGC34186; OTTHUMP00000003648; OTTHUMP00000083481; phosphatase and actin regulator 4; RP11-442N24__A.1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC029266 edited
 CCGGGGGCCAAGGGCTCCGGCTGCTGCCTGGCGGCCAACGGCCAGGTAGGATTTCCGGG
 AGAGGCTGCTGTGGAGGCTGAGGAGCGCGCGGAGATCTGGAACAGTATCTCACCTC
 CCTAAACTGGTTAATAGTGGCATGGAAGATCCATTTGAGGAAGCAGACCAGCCCACTACA
 GAGCCAGGCATGGTCTGGACAGTGTGGAAGCAGGAGACACAACACCTCCTACCAAAAGG
 AAGAGCAAGTTCTCAGGCTTTGGCAAGATCTTCAAGCCCTGGAATGGAGGAAAAAAG
 AGTAGTGATAAATTTAAAGAGACTTCAGAAGTTTGAACGGAAAAATCTATGCGAAAG
 CCAAGAGAAGAGCTGGTTAAAAGAGGGTTCTGTTGGAAGACCCTGAGCAAGGTGGTGA
 GATCCAGGAAAGCCAAGCGATGCCATGTTAAAGAATGGCCATACCAACCCCATAGGGAAT
 GCCAGATCATCTAGTCCAGTCCAAGTAGAGGAAGAGCCAGTAAGATTAGCAAGTCTTAGG
 AAAGCTATTCCAGAAGAGGACCTAAAGAAACGACTAGGCTCAACTGGAAGCCAGCCTAAT
 TCTGAAGCAGAGTCTGTTCTGAGAATGTACCCAAACACCTTTACTTCTCCCAAAAGA
 CCCTTGTCTCTTCTCATGAAGCAAGTGAAGGGCAAGCAAAGGATGCCACTTCTCTGGC
 GGCACGGCAAGGTTTCATCATCTCCACCTCCATCACCACAGCACCCGCTGCCACCACTGCT
 GCCACAAGCCTTGCAAAGACTGTTAATCTCTGTGACCCCTTCCCAGCACCCAGGACT
 CTGCCTGCTGCTCCTGCCAGCACTAACCACTACTGCTACCCCAAGCCTCACTCATATGGTC
 CCTGCCAAGCAGCCCCCTATCCCTCCCCCTAAACCAGCTCAGAGAAATAGCAACCCCTGTC
 ATTGCTGAAGTGTCCCAAGCAATAAACAGTGGTACATTGTTATCAAACCGTCCCCACCC
 TTACCACCTAAGAGAGGCATTCCATCAACCTCAGTACCCACCTTGGAGTCTGCTGCTGCC
 ATCACCACAAAAACCAAGTATGAAAGAGAGAAGAGCAGTGTCTATGGGCTCGGAA
 CTACTACCAATGATCTCACCTCGCTCTCCGTCACCCCACTGCCTACTCATATACCTCCA
 GAGCCTCCACGCACCCCTCCATTCCCTGCTAAGACTTTTCAAGTTGTGCCAGAAATTGAG
 TTTCCACCATCCTTAGATCTACACCAGGAGATTCCCCAGCAGGAAGATCAGAAAAAGGAA
 GTCCCCAAGAGGATACTGGACCAGAACTTTGGGGAGCCCATATACCCTTAGGCTGCCT
 CCACTCCCACTGCATATTCGAATCCAGCAGGCCCTCACCAGCCCACTTCCCATGACTCCT
 ATTCTGGAGGGTCTCAGAGAGCTCATTCGTTGCTTTTTGAAAACAGTGACAGCTTTTCT



GAGGACAGCAGTACGCTGGGTCCGACCAGGTCTCTCCCATCACTATTGAAATGCTAAAA
GTTCCAGACGATGAAGAAGAAGAGGAGCAAACCTGTCCATCCACATTTCAGTGAAGAAATG
ACACCTACCTCAGTCATTCTAAATTACACAGTGTCTACGGGAGGAAGAAGAGAAGGAG
AGCGACTCTGATTAGAAGGTCCCATTTCAGTACCGAGATGAAGAAGATGAAGATGAAAGC
TATCAGAGTGTCTCGCCAACAAAGTGAAGAGGAAAGACACACTGGCAATGAAGTTGAAC
CACAGACCCAGTGAACCAGAGTTGAACCTGAATTCTTGGCCTTGTAAGCAAGGAGGAG
TGGAATGAAATACGGCACCAGATTGAAACACACTGATCCGGCGACTGAGTCAAAGACCA
ACACCAGAAGAACTAGAACACGCAATATATTGCAACCTAAAAATGAAGCTGATCGTCAG
GCAGAAAAACGAGAAATTAACGCTCGGCTCACTAGAAAGCTCAGTCAAAGGCCAACTGTC
GCTGAACCTCTTCCAGGAAGATTCTGAGGTTTAAATGAATATGTAGAGGTAACAGATGCT
CAAGATTATGACCGGCGAGCCGACAAACCTTGGACCAAACTGACCCCTGCTGACAAGGCT
GCCATAGAAAAAGAATTAAATGAATTTAAAGCTCCGAGATGGAGGTTTCATGAAGAGAGC
AAACATTTTACACGCTACCATCGTCCATGATGCCAAAGTTGAGAGAGGAATCAACATGG
CTGCTTTGCTGCTTCTCTCCAAAGTGACATATGGAGGGAACCTTAGCACTTCCCAGCA
CAGCCAGAATTGCATCCTCTGGGATCTTCTGAGGTGGACAGCACTTTGAATGTAGCATTT
CACTGGAACAGAGTCTTATGTGCTGCACCGGGGCAAAACAACACTTTGTGAGTCTTTT
GAACCTTTCAATATTGTAGCATGCTTGAGGAGTTTTTCCCCTACTGGCCACCAAAGTTCT
GAACCACTTGCAGGTTCCAGGTTTTACTGGCTGCACCACACCCCTCCCCTAGATGACTG
CCTGTGCAGAGACACAGTTTGCACCATAGCCTTACCTGCCCTGCCCTGATTGTGAGACC
CAAATGTGTAGGCTCTAAATTCAGCCATCAAATCCAATTCTGGTGGGGAACCTTCT
GGAGACCCCAACCTTCTGATAAAAGAGTCTCTACCTCCAGGGAAGCCTTCTTACCACA
CTGGCATATCAGATGAAAGCATTGCACTGTACCTCTCGTAACACAGCAATACAGTCTCT
TGAGGCACTCAAGCCTGAGAGGAAGCTCAGGATCTGACATGTTCTTCTTTTCTCACAA
GTCATCATGATTTTTATTTTAAAAAATCTGGAAGTAATGGGAACCTAGTTTTTCTGTA
ACTCCAACCAAGATCCAATTTGGTTAGATGAGGCCAGGCGCGGTGGCTCACGCCTGTAAT
CCCAGCACTTTGGGAGGCCGAGGTGGTGGATCACCTGAGGTGAGGAGTTCAAGACCAGC
CTGGCCAACATGGTGAAACCCCATCTCTACTAAAAATACAAAAATTAGCCAGGTGTGGTG
GCGCCTGGTTGAGGCATGAGAATCGCTTGAACCCAGGAGGTGGAGTTGCACTGAGCCAA
GATCATGCCTACTGCACTCCAGCCTGGGCAACAAAGTGGGACTCTGTCTTAAAAA
AAAAAAG

5' Read Nucleotide

Sequence:

>OriGene 5' read for BC029266 unedited
CAGATTTTGTATACGACTTACTATAGGCGGACCGGATTTCAGATCTGGTACCGGTCCGGA
ATTCCCGGGATATCGTCGACCCACGCGTCCGCCGGGGCCAAAGGGCTCCGGCTGCTGCCT
GGCGGCCAACGGGCCAGGTAGGATTTCCGGGAGAGGCTGCTGTGGAGGCTGAGGAGGCGG
CGCGGAGATCTGAAACAGTATCTCACCTCCCTAACTGGTTAATAGTGGCATGGAAGA
TCCATTTGAGGAAGCAGACCAGCCACTACAGAGCCAGGCATGGTCTGGACAGTGTGGA
AGCAGGAGACACAACACCTCTACCAAAAGGAAGAGCAAGTTCTCAGGCTTTGGCAAGAT
CTTCAAGCCTGGAAATGGAGGAAAAAAGTAGTGATAAATTTAAAGAGACTTCAGA
AGTTTTAGAACGGAAAAATATCTATGCGAAAGCCAAGAGAAGAGCTGGTTAAAGAGGGGT
TCTGTTGGAAGACCTGAGCAAGGTGGTGGATCCAGGANAGCCAAGCGATGCCATGTT
AAAGAATGGCCATACCACCCCATAGGGAATGCCAGATCATCTAGTCCAGTCCAAGTAGA
GGAAGAGCCAGTAAGATTAGCAAGTCTTAGGAAAGCTATTCCAGAAGAGGACCTAAGAA
ACGACTAGGGCTCAACTGGAAGCCAGCCTAATTCTGAAGCAGAGTCTGTTCTGAGAATG
TACCCNAACCACTTTACTTCTCCAAAAGACCTTTGTCTCTCTAATGAAGCAAGTGA
AAGGCAAGCAAGATGCCACTTCTTTGCGGCCCGGAGGTTATCATCTCAACCTTCATA
CCAAGGACCGGTCCCATGGTGCCCAACCTTGAAAACTGTTAATTTTTGACCTTC
CCAAGACCAAGATTGCCTGTTGTCGGCCAAC

Restriction Sites:

Please inquire

ACCN:

BC029266

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC029266.1 , AAH29266.1
RefSeq Size:	3251 bp
Locus ID:	65979
Cytogenetics:	1p35.3
Gene Summary:	This gene encodes a member of the phosphatase and actin regulator (PHACTR) family. Other PHACTR family members have been shown to inhibit protein phosphatase 1 (PPI) activity, and the homolog of this gene in the mouse has been shown to interact with actin and PPI. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]