

## Product datasheet for **SC108481**

### Pleckstrin (PLEK) (NM\_002664) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pleckstrin (PLEK) (NM_002664) Human Untagged Clone
Tag:	Tag Free
Symbol:	Pleckstrin
Synonyms:	P47
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108481 sequence for NM_002664 edited (data generated by NextGen Sequencing)

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ATGGAACCAAAGCGGATCAGAGAGGGCTACCTTGTGAAGAAGGGGAGCGTGTTCATACG
TGGAAACCCATGTGGTTGTATTGTTAGAAGATGGAATTGAATTCATAAGAAGAAAAGT
GACAACAGCCCCAAAGGAATGATCCCGCTGAAAGGGAGCACTCTGACTAGCCCTTGCAA
GACTTTGGCAAAAGGATGTTTGTGTTTAAAGTACTACGACCAAACAGCAGGACCACTTC
TTCCAGGCAGCCTTCTGGAGGAGAGAGATGCCTGGGTTCCGGATATCAAGAAGGCCATT
AAATGCATTGAAGGAGGCCAGAAATTTGCCAGGAAATCTACCAGGAGGTCCATTCGACTG
CCAGAAACCATTGACTTAGGTGCCTTATATTTGCCATGAAAGACTGAAAAAGGAATA
AAAGAACTGAATCTAGAGAAGGACAAGAAGATTTTTAATCACTGCTTCACAGTAACTGC
GTCATTGATTGGCTGGTATCCAACCACTGTTAGGAATCGCCAGGAAGGCCTCATGATT
GCTTCATCGCTGCTCAATGAGGGTATCTGCAGCCTGCTGGAGACATGTCCAAGAGTGCA
GTGGATGGAAGTCTGAAAACCCCTTTCCTGGACAACCCTGATGCCCTTCTACTACTTTCCA
GACAGTGGGTTCTTCTGTGAAGAGAATTCAGTGATGATGATGTGATTCTGAAAGAAGAA
TTCAGAGGGGTCATTATCAAGCAGGGATGTTTACTGAAGCAGGGGCATAGAAGGAAAAAC
TGGAAAGTGAGGAAGTTCATCTTGAGAGAAGACCCTGCCACCTGCACTACTATGACCCT
GCTGGGGCAGAAGATCCCCTGGGAGCAATTCACCTTGAGAGGCTGTGTGGTGACTTCAGTG
GAGAGCAACTCAAATGGCAGGAAGAGTGAGGAAGAGAACCTTTTTGAGATCATCACAGCA
GATGAAGTGCATATTTCTTGAAGCAGCCACCCCAAGGAGCGCACAGAGTGGATCAGA
GCCATCCAGATGGCCTCCCGAACTGGGAAGTAA

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Clone variation with respect to NM\_002664.2



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_002664 unedited</p> <pre>CCGTTCCGGGATATTTGTATACGACTTACTATAGGCGGCCCGGAATTCGCACGAGGCCTG AGAGTGACCTTTGCATCTGCCTGTCCAGCCAGCATGGAACCAAAGCGGATCAGAGAGGGC TACCTTGTGAAGAAGGGGAGCGTGTTCATACGTGGAACCCATGTGGGTGTATTGTTA GAAGATGGAATTGAATTTATAAGAAGAAAAGTGACAACAGCCCCAAAGGAATGATCCCG CTGAAAAGGGAGCACTCTGACTAGCCCTTGTCAAGACTTTGGCAAAGGATGTTTGTGTTT AAGTCACTACGACCAAACAGCAGGACCCTTCTCCAGGCAGCCTTCTGGAGGAGAGA GATGCCTGGGTTTCGGGATATCAAGAAGGCCATTAATGCATTGAAGGAGGCCAGAAATTT GCCAGGAAATCTACCAGGAGTCCATTGACTGCCAGAAACCATTGACTTAGGTGCCTTA TATTTGTCCATGAAAGACACTGAAAAAGGAATAAAAGAACTGAATCTAGAGAAGGACAAG AAGATTTTAACTACTGCTTACAGGTAAGTGCCTGATTGATTGGCTGGTATCCAACCAG TCTGTTAGGAATCGCCAGGAAGGCCTCATGATTGCTTCATCGCTGCTCAATGAGGGGTAT CTGCAGCTGCTGGAGACATGTCCAAGAGTGCAGTGGATGGAAGTCTGANAACCCTTTC CTGGACAACCCTGATGCCTTCTACTACTTCCAGACAGTGGGTTCTTCTGTGAAGAGAAT TCCAGTGATGATGTGATTCTGAAAGAAGATTAGAGGGGTTCATTATCAAGCAGGGAT GTTTACTGAAGCAGGGGCATAGAAGGAAAACTGGNNAAGTGAGCAGCTCATCTTGAGAG AAGACCCTGCCT</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_002664 unedited</p> <pre>CTAGAGTCGAGTTTTTTTTTTTTTTTTTAAAGTAGGGGGACCTCAGGAATCTACTAGTT GAATTTCTTCATTTTCCAAAAGAGGCCCTGAGGCCTGGAGAGGGCAAGCAGCCTACTGAG GCTGCACAGCTTGTATATCTGCTTGGGGTTCATGGATAGGGGCAGAGGGGCTGCAGTGA GCAATACAATGCAGGGGAACCTTGCACACCACATGGTGAGTTACATTAGACCCCTGC AAATGAAAACCTCCACCCCTGGGCTGTTCCCGTTGATTTGTCACAGAAGTGGACAGGT CCTGGACTGAGCTTGCCATGGGCTTCCCTCAGGAGGGGAGGAGGAATGCAGGAGTCTCT TTACTTCCAGTCCGGGAGGCCATCTGGATGGCTCTGATCCACTCTGTGCGCTCCTTGGG GGTGGCTGCTTGAAGAAATAGTGCACCTTATCTGCTGTGATGATCTCCAAAAGTTCTC TTCCTCACTCTTCTGCCATTTGAGTTGCTCTCCACTGAAGTCCCACACAGCCTTAAGT GAATCGCTCCCAGGGGATCCTTTGCCACCATGCTCATCTATTGCATGTACGCCGGGTCT TCTTTAAGCAGAACTTCTCACTCCAAGCTTTCTTTATGCCCTGCTTAAAAACATA CCCACTGATAAGACCCCTCTGATTTTCCCTCAGACCCAATCCCCCAACTGGCAATCCCT ACCAATAACCCCTGCTGGAACCTTTTTCAGCGTTATGGTTCCGCATAAAGGGTTTTACGCTT TCTACCCTGGCCTTTGAAACGTTCAACGCTTAAATCCTTCTTGACACGACCACTAACAG TAGCCTCCCGTATTCTAAACCCGCCGATCACCCACCCGTCGCTCCCCGGCAACCGTA AAAAACTTTCGCCTCTCCAACAACCTTTTCCCTTACGCTTTCGGCAAATCCGCGCCA TTTCCGCCCTGGTCTATCCGCCCGCTT</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_002664
<b>Insert Size:</b>	4510 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_002664.1</a> , <a href="#">NP_002655.1</a>
<b>RefSeq Size:</b>	2745 bp
<b>RefSeq ORF:</b>	1053 bp
<b>Locus ID:</b>	5341
<b>UniProt ID:</b>	<a href="#">P08567</a>
<b>Cytogenetics:</b>	2p14
<b>Domains:</b>	DEP, PH
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	Major protein kinase C substrate of platelets.[UniProtKB/Swiss-Prot Function]