

Product datasheet for RN205829

Plek (NM_001025750) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plek (NM_001025750) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plek
Synonyms:	MGC112902
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205829 representing NM_001025750 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACCAAAGCGCATCAGGGAGGGCTACCTTGTGAAGAAGGGAAGTGTGTTTAAACACCTGGAAACCCA
TGTGGTTGTACTGCTAGAAGACGGAATTGAGTTTTATAAGAAGAAAAGTGACAACAACCCCAAGGGGAT
GATCCCGCTGAAAGGAAGTACTCTAACCAGCCCTGTCAAGACTTTGGCAAACGGATGTTCTGTAAAA
ATCACTACAACCAAACAGCAGGACCACTTCTCCAGGCAGCCTACCTGGAGGAGAGAGATGCTTGGGTTCC
GGACATCAAGAAAGCCATTAATGCATTGAAGGAGGCCAGAAGTTTGAAGAAAATCCACAAGGAGGTC
CATTCTGCTGCCAGAGACAATTGACTTGGGGCTTTATATTTGTCTATGAAAGACCCTGAGAAAGGAATC
AAGGAAGTGAATCTAGAGAAGGACAAGAAAGTTTTAATCACTGCTTACAGGTAGTGGTGTCAATTGACT
GGCTGGTTTCTAACAAGCTAGTTCGGAACCGCCAGGAAGGCCATGATCTCCGCCTCCCTGCTCAGTGA
AGGGTACCTGCAGCCTGCTAGCGATCTGTCCAAGAATGCAGCAGATGGAATAGCTGAAAACCCCTTTCCTG
GACAACCTGATGCCTTCTACTACTTCCCAGACAGTGGATTCTTCTGTGAGGAGAAGTCCAGTGACGATG
ACATCATTCTGAAAGAAGAATTCAGAGGCATTATCATTAAAGCAGGGATGTTTATTGAAGCAGGGGCCACC
GAGGAAAAACTGGAAAGTGAGGAAGTTCATTCTGAGAGAAGACCCGGCCTACTTGCACTACTATGACCC
GCTGGGGTGAAGATCCCCTGGGAGCAATCCACTTGAGAGGCTGTGGTGAAGTCCGTAAGAGAGCAACC
CCGATGGTAAGAAGAGTATGAGGAGAACCCTTTGAGATCATCACAGCAGACGAAGTTCATTATTACAT
GCAGGCAGCCACTGCAAGGAGCGTACTGAGTGGATAAAAAGCCATCCAGGTGGCCTCACGGACTGGGAAA
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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ACCN:	NM_001025750
Insert Size:	1053 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:	<ol style="list-style-type: none"> 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:	<u>NM_001025750.1</u> , <u>NP_001020921.1</u>
RefSeq Size:	1671 bp
RefSeq ORF:	1053 bp
Locus ID:	364206
UniProt ID:	<u>Q4KM33</u>
Cytogenetics:	14q22
Gene Summary:	Major protein kinase C substrate of platelets.[UniProtKB/Swiss-Prot Function]