

Product datasheet for **RC218158**

PELI3 (NM_001098510) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PELI3 (NM_001098510) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PELI3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC218158 representing NM_001098510
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGTCTGGAAGAAACCTGAAGTGGGGTCCCCCGAACCTCAGACCTCCAGCACCGGGGAACAAGG
 GCTCTTGCCTTCTCTCTCTCCCGTGAAGATGCGCAGCCAGGCGAGGAGCCATCAAGTATGGTGAAC
 CATCGTCTGGGTACAATGTTGTCTGCAAGTGGGGACAAGGGCCCGCGGCAAGCCGCTGGCACTG
 AGCCGCCGGTCGCACGCCAACGGGGTGAAGCCAGACGTATGCACCACATCTCCACGCCGCTCGTCTCCA
 AGGCACTGAGTAACCGTGGTCAACAGCATCTCGTATACACTGTCCCGGAGCCACTCGGTATAGTGGGA
 GTATACACATGATAGCGACACAGACATGTTCCAGATTGGCCGCTCCACAGAGAACATGATTGACTTCGTG
 GTAACAGACACGTCCCCTGGAGGAGGGGCTGCCGAGGGCCCTTCTGCCAGAGCACCATCTCCCGTATG
 CCTGCCGATCCTCTGTGACCGCCGCCACCCTATACTGCCGCATCTATGCCGCTGGCTTCGATGCCTC
 TAGCAACATCTTCTTGGAGAGCGAGCGCCAAATGGCGGACCCAGATGGCCTGATGGATGGACTGACC
 ACCAATGGAGTCCTGGTATGCACCCGGCAGGCGGCTTCTCCGAGGACTAGCCCGGGTGTCTGGCGGG
 AGATCTCGGTCTGTGGGAATGTGTACACATTGCGGGACAGCCGCTCAGCCAGCAGCGGGGAAGCTGGT
 GGAAAACGAGTCCAACGTGCTGCAGGACGGCTCTCTCATCGACCTGTGTGGGGCCCACTGCTGTGGCGC
 ACACCGCGGGGGCTGCTGCGGGTCCCACACTGAAGCAACTGGAGGCCAGCGGCAGGAGGCAATGCAG
 CGCGGCCCCAGTCCCGTGGGCTCAGCACTTGGCCTTCCCCAGCCAGCCCGTGGCCGCACAGCGCC
 CGACAAACAGCAGCCCTGGGTCTACGTCGCTGCGGGCACGTCCATGGCTACCACGGTGGGGTCCCGG
 CGGGAGCGGGGCCCCAGGAGCGGAATGTCCTCTGCGGCCTTGTGGGCCTTATGTGCCTCTATGGC
 TTGGCCAGGAGGCGCCCTCTGCCTGGACCTGGGCGCCTAGCCATGCCTTTGACCTTGCAGCCACGT
 CTGCTCTGAGAAGACTGCCCGCTACTGGGCCAGACACCACTGCCCCACGGCACCCATGCTTTCCATGCC
 GCCTGCCCTTTTGGGGGCTGGCTTACCGGCGAGCATGGCTGCGTCCGCCTATTTTCCAGGGCCCGC
 TGGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC218158 representing NM_001098510
 Red=Cloning site Green=Tags(s)

MVLEGNPEVGSPTSDDLQHRGNKGSCVLSPPGEDAQPGEEPIKYGELIVLGYNGCLASGDKGRRRSRLAL
 SRRSHANGVKPDVMHHISTPLVSKALSNRGQHSISYTLRSRSHVIVEYTHSDTDMFQIGRSTENMIDFV
 VTDTSPGGAAEGPSAQSTISRYACRILCDRPPYTARIYAAGFDASSNIFLGERAAKWRTPDGLMDGLT
 TNGVLVMHPAGGFSEDSAPGVWREISVCGNVYTLRDSRSAQQRGKLVENESNVLQDGLIDLCGATLLWR
 TPAGLLRAPTLKQLEAQRQEANAARPQCPVGLSTLAFPSARGRTAPDKQPWVYVRCGHVHGYHWGCR
 RERGPQERECPLCRLVGPYVPLWLQAEAGLCLDPGPPSHAFAPCGHVCSEKTARYWAQTPLPHGTHAFHA
 ACPFCGAWLTGEHGCVRLLIFQGPLD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001098510

ORF Size: 1335 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001098510.1](#), [NP_001091980.1](#)

RefSeq Size: 2691 bp

RefSeq ORF: 1338 bp

Locus ID: 246330

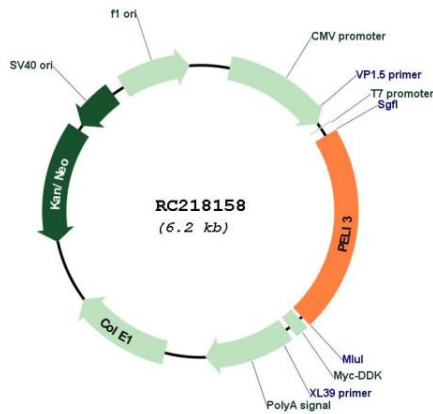
UniProt ID: [Q8N2H9](#)

Cytogenetics: 11q13.2

MW: 48.1 kDa

Gene Summary: The protein encoded by this gene is a scaffold protein and an intermediate signaling protein in the innate immune response pathway. The encoded protein helps transmit the immune response signal from Toll-like receptors to IRAK1/TRAF6 complexes. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]

Product images:



Circular map for RC218158