

Product datasheet for **RC232672**

PELI3 (NM_001243135) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PELI3 (NM_001243135) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: PELI3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC232672 representing NM_001243135
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGCTGGAAGGAAACCTGAAGTGGGGTCCCCCGAACCTCAGACCTCCAGCACCGGGGAACAAGG
GCTCTTGGTTCTCTCCTCTCCCGTGAAGATGCGCAGCCAGGCGAGGAGCCATCAAGTATGGTAACT
CATCTCCACGCCGCTCGTCTCCAAGGCACTGAGTAACCGTGGTACACAGCATCTCGTATACACTGTCC
CGGAGCCACTCGGTCATAGTGGAGTATACACATGATAGCGACACAGACATGTTCCAGATTGGCCGCTCCA
CAGAGAACATGATTGACTTCGTGGTAACAGACAGTCCCTGGAGGAGGGCTGCCGAGGGCCCTCTGTC
CCAGAGCACCATCTCCGCTATGCCTGCCGCATCCTCTGTGACCGCCGGCCACCCTATACTGCCGCATC
TATGCCGCTGGCTTCGATGCCTTAGCAACATCTTCTTGGAGAGCGAGCGGCCAAATGGCGGACCCAG
ATGGCCTGATGGATGGACTGACCACCAATGGAGTCTGGTATGCACCCGGCAGGCGGCTTCTCCGAGGA
CTCAGCCCGGGTGTCTGGCGGAGATCTCGTCTGTGGGAATGTGTACACATTGCGGGACAGCCGCTCA
GCCAGCAGCGGGCAAGCTGGTGGAAAACGAGTCCAACGTGCTGCAGGACGGCTCTCTCATCGACTGT
GTGGGGCCACACTGCTGTGGCGCACACCGCGGGGCTGCTGCGGGCTCCACACTGAAGCAACTGGAGGC
CCAGCGGCAGGAGGCAAATGCAGCGCGGCCAGTGCCCGTGGGCTCAGCACTCTGGCCTTCCCAGC
CCAGCCGTGGCCGCACAGCGCCGACAAACAGCAGCCCTGGGTCTACGTCCGCTGCGGGACGTCCATG
GCTACCACGGCTGGGGTGCCTGGCGGGAGCGGGGCCCCAGGAGCGCAATGTCTCTCTGCCGCTTGT
GGGGCCTTATGTGCCTCTATGGCTTGGCCAGGAGGCGGCTCTGCTGGACCCTGGGCCGCTAGCCAT
GCCTTTCACCTTGGCGCCAGTCTGCTCTGAGAAGACTGCCCGTACTGGGCCAGACACCCTGCCCC
ACGGCACCCATGCTTCCATGCCGCTGCCCTTTTGGGGGCTGGCTTACCGCGAGCATGGCTGCGT
CCGCTCATTTCCAGGGCCCGCTGGAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC232672 representing NM_001243135
Red=Cloning site Green=Tags(s)

MVLEGNPEVGSPTS~~DLQHRGNKGSCVLSSPGEDAQPGE~~EPIKYGELISTPLVSKALSNRGQHSISY~~TL~~
 RSHSVIVEYTHSDTDMFQIGRSTENMIDFVVTDTSPGGGAAEGPSAQSTISRYACRILCDRPPYTARI
 YAAGFDASSNIFLGERAAKWRTPDGLMDGLTTNGVLVMHPAGGFSEDSAPGVWREISVCGNVYTLRDSRS
 AQQRGKLVENESNVLQDGSLLIDLCGATLLWRTPAGLLRAPTLKQLEAQRQEANAARPQCPVGLSTLAFPS
 PARGR~~TAPDKQQPWVYVRCGHVHGYHGWGCR~~RERGPQERECPLCRLVGPYVPLWLQGEAGLCLDPGPPSH
 AFAPCGHV~~CEKTARYWAQ~~TPLPHGTHAFHAACPCGAWLTGEHGCVRLIFQGPLD

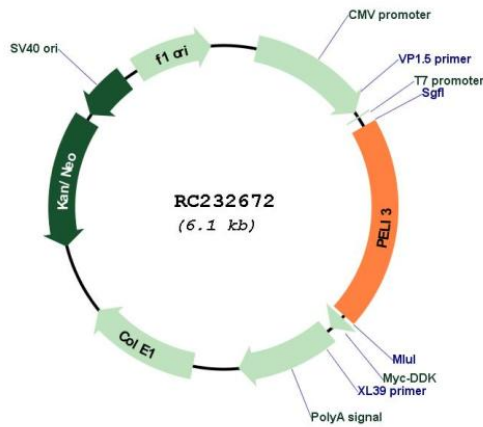
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001243135

ORF Size:	1218 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:	<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:	NM_001243135.1 , NP_001230064.1
RefSeq Size:	2530 bp
RefSeq ORF:	1221 bp
Locus ID:	246330
UniProt ID:	Q8N2H9
Cytogenetics:	11q13.2
MW:	44.4 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]