

Product datasheet for SC306216

PELI3 (NM_145065) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PELI3 (NM_145065) Human Untagged Clone
Tag:	Tag Free
Symbol:	PELI3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306216 representing NM_145065. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGTGGAAGGAAACCCTGAAGTGGGGTCCCCCGAACCTCAGACCTCCAGCACCGGGGGAACAAG
GGCTCTTGCCTCTCTCCTCCTCCCGGTGAAGATGCGCAGCCAGGCGAGGAGCCATCAAGTATGGTGAA
CTCATCGTCTGGGATGCTGTGAGGAAGGAGGTGAGGAAACCGAGGCTCAGAGAGGGGAAGTACTGGC
CCAAGGGCACACAGCTGCTACAATGGTTGTCTGGCAAGTGGGACAAGGGCCCGGGCGAAGCCCGCTG
GCACTGAGCCCGCGTGCACGCCAACGGGTGAAGCCAGACGTCATGCACCACATCTCCACGCCGCTC
GTCTCCAAGGCACTGAGTAACCGTGGTGCACACAGCATCTCGTATACACTGTCCCGGAGCCACTCGTTC
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GACTTCGTGGTAACAGACACGTCCCTGGAGGAGGGGCTGCCGAGGGCCCTTCTGCCAGAGCACCATC
TCCCGCTATGCCTGCCGATCCTCTGTGACCGCCGCCACCCTATACTGCCCGCATCTATGCCGCTGGC
TTCGATGCCTCTAGCAACATCTTCTTGGAGAGCGAGCGCCAAATGGCGGACCCAGATGGCCTGATG
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GGTGTCTGGCGGAGATCTCGGTCTGTGGGAATGTGTACACATTGCGGGACAGCCGCTCAGCCAGCAG
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CGTGGCCGCACAGCGCCGACAAACAGCAGCCCTGGGTCTACGTCGCTGCGGGCAGTCCATGGTAC
CACGGCTGGGGTGCCTGGCGGGAGCGGGGCCCCAGGAGCGCAATGTCTCTCTGCCGCTTGTGGGG
CCTTATGTGCCTCTATGGCTTGGCCAGGAGGCGGCTCTGCCTGGACCCTGGGCGCCTAGCCATGCC
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GGCACCATGCTTTCATGCCGCTGCCCTTTTGCGGGGCTGGCTTACCGGCGAGCATGGCTGCGTC
CGCCTCATTTCCAGGGCCCGTGGATTAG
ACGGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_145065
Insert Size:	1410 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_145065.2
RefSeq Size:	2763 bp
RefSeq ORF:	1410 bp
Locus ID:	246330
UniProt ID:	Q8N2H9
Cytogenetics:	11q13.2
MW:	50.8 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1, also known as isoform a).</p>