

Product datasheet for **MC215911**

Peli3 (NM_172835) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Peli3 (NM_172835) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Peli3
Synonyms:	6030441F14Rik; A930011L17; BC028931
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC215911 representing NM_172835
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGTCTGGAAGAAACCTGACGTGGGATCCCCCGGACCTCAGACCTCCAGCACCCGGGAGCCAGG
 GCTCTTGCATCCTGTCTTGTCTGGTGAAGAAGCACTGGCAGGCGAGGAGCCATCAAGTATGGTGAAC
 CATCGTTCTGGGTACAATGGGTGTCTGGCAAGTGAGACAAGGGCCGCCGAAGCCGCTGGCACTG
 AGCCGCCGCCACATGCCAACGGAGTGAAGCCAGATGTCATGCACCACATCTCCACACCACTCGTCTCCA
 AGGCCCTGAGTAACCGAGGCCAGCACAGCATCTCATTCACTGTCCCGAGTCACTCAGTCATAGTGGGA
 GTACACACATGACAGCGACAAAGACATGTTCCAGATTGGCCGCTCTACTGAAAACATGATTGACTTTGTG
 GTAACAGACACATCTCCTGGTGGAGGGGCTACAGAGGGCCCTTCTGCCAAAGTACCATCTCCCGTATG
 CCTGCAGAATTCTGTGACCGCCGCCACCCTATACTGCCGAATCTACGCTGTGGCTTTGATGCCTC
 TAGCAACATCTTTCTTGGAGAGCGGGCAGCCAAATGGAGGACTCCGGATGGTCTGATGGACGGCTTGACA
 ACCAATGGGGTTCTGGTGTGCACCCAGCAGGTGGCTTCTCCGAGGACTCTGCCCCAGGTGTCTGGAGGG
 AGATTTCTGTCTGCGGGAATGTGTACACGCTGCGGGATAGCCGATCAGCTCAGCAGCGGGGAAGCTGGT
 GGAAAACGAATCCAACGTCCTGCAAGACGGTTCGCTCATCGACCTGTGTGGGGCCCACTGTTGTGGCGC
 ACTCCGGCTGGGTTGCTGAGGGCACCCACTGAAACAAGTAGAGGCCAGCGACAGGAGGCCAACCGCAG
 CACGGCCCCAGTGCCCGTGGGCCTTAGCACCTTGGCCTTCCCCAGCCAGCCCGTGGCCGCACAGCACC
 CGACAAACAGCAACCTGGGTCTACGTCGGTGTGGTGTCCATGGCTATCACGGTGGGGTGGCCG
 AGGGAACAAGGCCCCAGGAGCGAGAGTGTCTCTGCGCCTTGTGGGACCCTATGTGCCCTGTGGC
 TCGGTCAAGAGCCGGTCTCTGCTGGACCTGGGCCACCCAGCCAGCCTTTTGCACCCTGTGGCCACGT
 CTGTTCTGAGAAGACTGCCCGCTACTGGGCTCAGACACCCTGCCGCACGGCACCCATGCTTTCCACGCT
 GCCTGCCCTTCTGTGGAGCTTGCTCACCGGTGAGCTTGCTGTGTCCGCTCATTTCAGGGGCCAC
 TGGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_172835

Insert Size: 1338 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:

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_172835.3](#), [NP_766423.3](#)

RefSeq Size: 1937 bp

RefSeq ORF: 1338 bp

Locus ID: 240518

UniProt ID: [Q8BXR6](#)

Cytogenetics: 19 A

Gene Summary: E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. Involved in the TLR and IL-1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6. Mediates 'Lys-63'-linked polyubiquitination of IRAK1. Can activate AP1/JUN and ELK1. Not required for NF-kappa-B activation.[UniProtKB/Swiss-Prot Function]