

Product datasheet for MC211991

Peli2 (NM_033602) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Peli2 (NM_033602) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Peli2
Synonyms:	AW047589; BB129927
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211991 representing NM_033602 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTTCCCGGGCCAGGAGGAACCCAGCGCCCCAACAAAGGAGCCGGTAAATACGGGGAGCTGGTGG
TCCTGGGTACAATGGTCTTTACCTAATGGTGACAGGGGAGGAGGAAAAGCAGATTTGCCCTCTATAA
GCGGACCTACGCCAGTGGTGTCAAACCCAGCACAATCCACATGGTCTCCACACCAGGCGTCCAAGGCC
ATCAGCTCCAGAGGACATCACAGCATATCGTACACGTTGTACGGAGCCAGACGGTAGTGGTGGAGTACA
CACACGATAAAGACACAGACATGTTTCAGGTGGGCAGGTCAACAGAAAGCCCCATTGACTTCGTGGTCCAC
AGACACGGTTTCCGGCGGTCAGAACGAAGATGCCAGATCACACAGAGCACCATCTCTAGTTCCGATGC
AGGATCGTGTGTGACAGGAACGAGCCATACACAGCACGCATATTCGCGGCAGGATTTCGATTCTTCCAAAA
ATATCTTTCTTGGAGAGAAAAGCAGCAAAATGAAAAACCCCTGATGGACACATGGATGGACTCACTACCAA
CGGTGTCTGGTGTGATGCACCCGAAGGAGGCTTACCAGGAAATCCCAGCCTGGAGTCTGGAGAGAGATC
TCTGTCTGTGGGATGTATACACCTTGCAGAGACCAGGTCCGCCAGCAGAGGGGAAAGCTGGTGGAAA
GTGAGACCAACGTCCTGCAAGACGGCTCCCTCATTGACCTGTGTGGGGCCACTCTCTCTGGAGAACCGC
AGATGGCCTTTTTACGCTCCTACTCAGAAGCACATAGAAGCCCTCCGGCAGGAGATCAATGCAGCCCGA
CCCCAGTGCCCGTGGGCTTAACACCCCTGGCCCTCCAGCATCAACCGGAAGGAAAGTGGTGGAAAGAGA
AGCAGCCCTGGGCATACCTGAGCTGCGGCCATGTGCACGGCTACCACAGCTGGGGCCATCGGAGCGACAC
GGAAGCCAACGAGAGGGAGTGTCCCATGTGCAGGACTGTGGGCCCTACGTCCCTCTCTGGCTGGGCTGT
GAGGCAGGATTTTATGTCGATGCGGGACCCCCAACTCACGCTTTACCCCTGCGGGCACGTCTGTTTCAG
AGAAGTCTGCCAAGTACTGGTCGAGATCCCACTGCCACGGAACGCACGCGTTTCACGCCGCTGTCC
GTTCTGCGCCACGCAGCTGGTGGTGAACAGAAGTGCATCAAATTGATTTTCCAAGGTCCAGTGGACTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja1652_f01.zip
Restriction Sites:	Sgfl-RsrII
ACCN:	NM_033602
Insert Size:	1260 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:	NM_033602.2 , NP_291080.2
RefSeq Size:	5849 bp
RefSeq ORF:	1260 bp
Locus ID:	93834
UniProt ID:	Q8BST6
Cytogenetics:	14 24.6 cM
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 IL1B-induced IRAK1 'Lys-63'-linked polyubiquitination and possibly 'Lys-48'-linked ubiquitination. May be important for LPS- and IL1B-induced MAP3K7-dependent, but not MAP3K3-dependent, NF-kappa-B activation. Can activate the MAP (mitogen activated protein) kinase pathway leading to activation of ELK1. [UniProtKB/Swiss-Prot Function]