

Product datasheet for **SC330088**

PEL13 (NM_001243136) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PEL13 (NM_001243136) Human Untagged Clone
Tag: Tag Free
Symbol: PEL13
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330088 representing NM_001243136.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

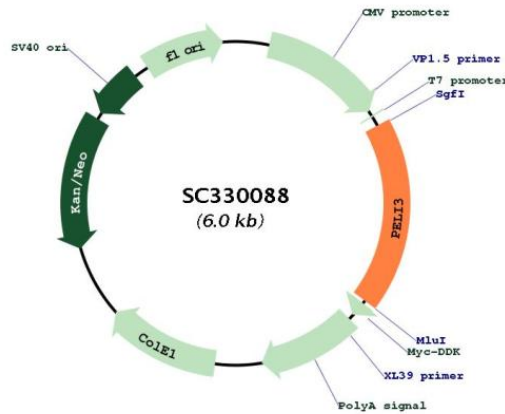
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ATGCACCACATCTCCACGCCGCTCGTCTCCAAGGCACTGAGTAACCGTGGTCAGCACAGCATCTCGTAT
ACACTGTCCCAGGACCACTCGGTCATAGTGGAGTATACACATGATAGCGACACAGACATGTTCCAGATT
GGCCGCTCCACAGAGAACATGATTGACTTCGTGGTAACAGACACGTCCCCTGGAGGAGGGGCTGCCGAG
GGCCCTTCTGCCAGAGCACCATCTCCCGCTATGCCTGCCGCATCCTCTGTGACCGCCGCCACCCTAT
ACTGCCCGCATCTATGCCGCTGGCTTCGATGCCTCTAGCAACATCTTCTTGGAGAGCGAGCGGCCAAA
TGGCGGACCCAGATGGCCTGATGGATGGACTGACCACCAATGGAGTCTGGTGATGCACCCGGCAGGC
GGCTTCTCCGAGGACTCAGCCCCGGGTGTCTGGCGGGAGATCTCGGTCTGTGGGAATGTGTACACATTG
CGGACAGCCGCTCAGCCAGCAGCGGGGCAAGCTGGTGAAAACGAGTCCAACGTGCTGCAGGACGGC
TCTCTCATCGACCTGTGTGGGGCCACACTGCTGTGGCGCACACCGCGGGGCTGCTGCGGGCTCCCACA
CTGAAGCAACTGGAGGCCAGCGGCAGGAGGCAATGCAGCGCGGCCCCAGTGCCCGTGGGCTCAGC
ACTCTGGCCTTCCCAGCCAGCCCGTGGCCGCACAGCGCCGACAAACAGCAGCCCTGGGTCTACGTC
CGCTGCGGGCACGTCCATGGCTACCACGGCTGGGGCTGCCGGCGGAGCGGGGCCCCAGGAGCGCGAA
TGTCTCTCTGCCGCTTGTGGGCCTTATGTGCCTCTATGGCTTGCCAGGAGCGGCCCTCTGCCTG
GACCCTGGGCCGCTAGCCATGCCTTTGCACCTTGCAGCCACGTCTGCTCTGAGAAGACTGCCCGCTAC
TGGGCCAGACACCACTGCCACGGCACCCATGCTTTCCATGCCGCTGCCCTTTTGGCGGGCCTGG
CTTACCGCGAGCATGGCTGCGTCCGCCTATTTCCAGGGCCCGCTGGATTAG
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Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001243136

Insert Size: 1089 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_001243136.1](#)

RefSeq Size: 2538 bp

RefSeq ORF: 1089 bp

Locus ID: 246330

UniProt ID: [Q8N2H9](#)

Cytogenetics: 11q13.2

MW: 39.4 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]

Transcript Variant: This variant (4) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (4) is shorter at the N-terminus compared to isoform 1.