

Product datasheet for **SC330087**

PEL13 (NM_001243135) Human Untagged Clone

Product data:

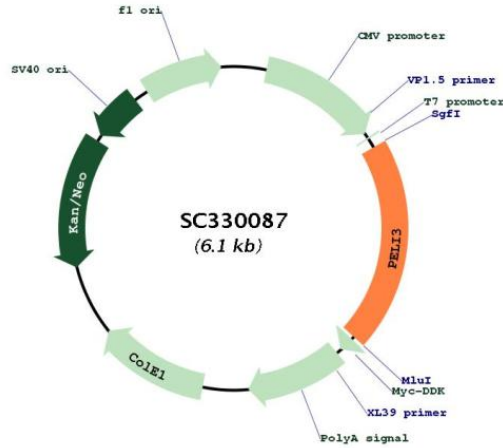
Product Type: Expression Plasmids
Product Name: PEL13 (NM_001243135) Human Untagged Clone
Tag: Tag Free
Symbol: PEL13
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330087 representing NM_001243135.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGTGTGGAAGGAAACCCTGAAGTGGGGTCCCCCGAACCTCAGACCTCCAGCACCGGGGAACAAG
GGCTCTTGCCTTCTCTCTCCCGGTGAAGATGCGCAGCCAGGCGAGGAGCCATCAAGTATGGTGAA
CTCATCTCCACGCCGCTCGTCTCCAAGGCACTGAGTAACCGTGGTCAGCACAGCATCTCGTATACTG
TCCCGGAGCCACTCGGTTCATAGTGGAGTATACACATGATAGCGACACAGACATGTTCCAGATTGGCCG
TCCACAGAGAACATGATTGACTTCGTGGTAACAGACACGTCCCTGGAGGAGGGGCTGCCGAGGGCCCT
TCTGCCAGAGCACCATCTCCGCTATGCCTGCCGCATCCTCTGTGACCGCGGCCACCTATACTGCC
CGCATCTATGCCGCTGGCTTCGATGCCTTAGCAACATCTTCTGGAGAGCGAGCGCCAAATGGCGG
ACCCAGATGGCCTGATGGATGGACTGACCACCAATGGAGTCTGGTGTGACCCCGCAGGCGGCTTC
TCCGAGGACTCAGCCCCGGGTGTCTGGCGGAGATCTCGGTCTGTGGAAATGTGTACACATTGGGGAC
AGCCGCTCAGCCAGCAGCGGGCAAGCTGGTGGAAAACGAGTCCAACGTGCTGCAGGACGGCTCTCTC
ATCGACCTGTGTGGGCCACACTGCTGTGGCGCACACCGCGGGGCTGCTGCGGGCTCCCACACTGAAG
CAACTGGAGGCCAGCGGCAGGAGGCAATGCAGCGGGCCCCAGTGCCCCGTGGCCTCAGCACTCTG
GCCTTCCCAGCCAGCCGTGGCCGACAGCGCCGACAAACAGCAGCCCTGGGTACGTCCGCTGC
GGGCACGTCCATGGCTACCACGGCTGGGCTGCCGGCGGAGCGGGCCCCAGGAGCGGAATGCCT
CTTGCCGCTTGTGGGCCTTATGTGCCTCTATGGCTTGGCCAGGAGCGGCCCTCTGCCTGGACCCT
GGCCCGCTAGCCATGCCTTTCACCTTGCAGCCAGTCTGCTCTGAGAAGACTGCCCGCTACTGGCC
CAGACACCACTGCCCCACGGCACCCATGCTTTCATGCCGCTGCCCTTTTGGCGGGCCTGGCTTACC
GGCGAGCATGGCTGCGTCCGCTCATTTCCAGGGCCCCGTGGATAG
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001243135

Insert Size: 1221 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_001243135.1](#)

RefSeq Size: 2530 bp

RefSeq ORF: 1221 bp

Locus ID: 246330

UniProt ID: [Q8N2H9](#)

Cytogenetics: 11q13.2

MW: 44 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 (3) differs in the 5' UTR and lacks an alternate in-frame segment compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is shorter compared to isoform 1.