

Product datasheet for **SC320778**

PELO (NM_015946) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PELO (NM_015946) Human Untagged Clone
Tag:	Tag Free
Symbol:	PELO
Synonyms:	CGI-17; PRO1770
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_015946.4
 GCCCGCTGTTGCGTGCTGCCAGCGGAACTGTGTAGGGGTAGATTTTCGCTGCAGTGTTCC
 CCCGAGCTGTTAGACGCAGCGCCCGGAGACTGAGAGAGGAAAGGATAGAGGAAGTGC
 TGCCCTAGGCTGCATGAGTCGAAGCAAGCGTGTTCCTTCCCAGGCAAGTGCCTTA
 GAAACCGGGCCCCGCCCTTCTGGCCTGCATTCCCATCCCCTCTCCCGGGCGGAGGT
 GAGGACCTCTTTGGTTCCTTTGGTCTGTCACTGAGCCCTTCTTGGCCATGAAGCTCG
 TGAGGAAGAACATCGAGAAGGACAATGCGGGCCAGGTGACCCTGGTCCCCGAGGAGCCTG
 AGGACATGTGGCACACTTACAACCTCGTGCAGGTGGGCGACAGCCTGCGCGCCTCCACCA
 TCCGCAAGGTACAGACAGAGTCTCCACGGGCAGCGTGGGCAGCAACCGGGTCCGCACTA
 CCCTCACTCTCTGCGTGGAGGCCATCGACTTCGACTCTCAAGCCTGCCAGCTGCGGGTTA
 AGGGGACCAACATCCAAGAGAATGAGTATGTCAAGATGGGGGCTTACCACACCATCGAGC
 TGGAGCCCAACCGCCAGTTCACCCTGGCCAAGAAGCAGTGGGATAGTGTGGTACTGGAGC
 GCATCGAGCAGGCCTGTGACCCAGCCTGGAGCGCTGATGTGGCGCTGTGGTATGCAGG
 AAGGCCTCGCCATATCTGCTTAGTCACTCCCAGCATGACCCTCACTCGGGCCAAGGTGG
 AGGTGAACATCCCTAGGAAAAGGAAAGGCAATTGCTCTCAGCATGACCGGCCTTGGAGC
 GGTCTATGAACAGGTGGTCCAGGCTATCCAGCGCCACATACACTTTGATGTTGTAAGT
 GCATCCTGGTGGCCAGCCAGGATTTGTGAGGGAGCAGTTCTGCGACTACATGTTTCAAC
 AAGCAGTGAAGACCGACAACAACTGCTCCTGGAAAACCGGTCCAAATTTCTTACAGTAC
 ATGCTCCTCCGGACACAAGTACTCCCTGAAAGAGGCCCTTTGTGACCCTACTGTGGCTA
 GCCGCCTTTCAGACACTAAAGCTGCTGGGGAAGTCAAAGCCTTGGATGACTTCTATAAAA
 TGTTACAGCATGAACCGGATCGAGCTTCTATGGACTCAAGCAGGTGGAGAAGGCCAATG
 AAGCCATGGCAATTGACACATTGCTCATCAGCGATGAGCTTTCAGGCATCAGGATGTAG
 CCACACGGAGCCGGTATGTGAGGCTGGTGGACAGTGTGAAAGAGAATGCAGGCACCGTTA
 GGATATTCTCTAGTCTTACGTTTCTGGGGAACAGCTCAGCCAGTTGACTGGGGTAGCTG
 CCATTCTCCGCTTCCCTGTTCCCGAACTTCTGACCAAGAGGGTATTCCAGTTCTGAAG
 AGGATTAATGATTGAACTTAAATTTGAGACAATCTTGTGTTTCTAACTGTTACAGTA
 CATTCTCAGCATCCTTGTGACAGAAAGCTGCAAGAAGGGCACTTTTGTTCATACAGG
 GATTTCTATGTCTTTGGCTACACTAGATATTTTGTGATTGGCAAGACATGTATTTAAAC
 ATAACTAAAAGGAAATAA

Restriction Sites: Please inquire

ACCN: NM_015946

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:

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_015946.4](#), [NP_057030.3](#)

RefSeq Size: 2941 bp

RefSeq ORF: 1158 bp

Locus ID: 53918

UniProt ID: [Q9BRX2](#)

Cytogenetics: 5q11.2

Domains: eRF1_1, eRF1_2, eRF1_3

Protein Families: Druggable Genome

Gene Summary: This gene encodes a protein which contains a conserved nuclear localization signal. The encoded protein may have a role in spermatogenesis, cell cycle control, and in meiotic cell division. [provided by RefSeq, Jul 2008]