

Product datasheet for **SC305642**

POM121L2 (NM_033482) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	POM121L2 (NM_033482) Human Untagged Clone
Tag:	Tag Free
Symbol:	POM121L2
Synonyms:	POM121-L; POM121L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305642 representing NM_033482. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGGCAGTTTCTGAGCAAACTGGAATTTGCGCCTCGTCCCCAGCCAGGTGCGCACCGACTTGCCC
GAGAGGCCACGAAACGCCGCCACCTCAGCCCCCTTACCAAGTTCATCGGGTTCAGTTCGTCCACCGC
GCCACCTTGCCACGGTATAGACCTGTGAGGAGGCGGCCAAACCTGGATCCTGCCAATCCAACACG
TGGCTGGCAACGAGGCTGGAGGCGCTTCCCATGAAGAAGTCCAGAATCCCCCTGGGGCCTCTC
CCTTCAGACTGGTGGAAAGTTACTTAAAGCGGACTATTTGGTCTCTTCGACATCCAGGCCAATTTGG
AGCCCACTGACCATCAGGATCACTCCTCCTGACCAGAGAGTGCCCCCTTCCACTTCTCCTGAAGATGTA
ATTGCCCTTGACGACTCCCGCCCTCTGAGGAGCTCGCAGATCCATGTTCAAAGGAGACAGTGTTGAGG
GCCCTCAGAGAGTGCAGAAAAGGAAAGGGAGGTTGGAAGAACCCTATTCCTGAGAGTCTGGACAGT
AAGAGAAGGAGTCCAGAGACCAGACCATCGGCATTTAAGCCCCTGATGAAAAATGGAACCCCTCACTTCT
TTTGTGCCCAGGCTGGGCCGCTGAAGAGAAGTCTCCACTCCTGGGGCTCAGATCACAGCTTGACTAAG
AGGCCCAATTGCTCCTCCATGAGCTCCTTGCCAGCATATACAGAGGTGGCACCCCTCAGTCCAAAAGG
AATGCTATTGGCAGCTCTTACAGCTCTTGCAAAATTTCTCAGACCCTTGAAGAGAAGTGTCCAGT
GTATCATTCGAGACACCAGAGTGGCCAATAAAAAAGAAAAAAGTTGTCATCGGCCTTCTCTCCAGTC
CCACTGGTATCAGATTTTGAATCCTAGGAGATCTGAAAGTTCTGGGCAGCAAAACGAGAAGATTCCA
CAGCTGCCGTCTAGCCCTGAGAACCTGGTGTGAGAGATCCACCTCCCGAGCTTGGTTATGCAGTCTCT
GATGAGAACTTGACTTTGGGGAAGAAAGCTGAGCTACAGGTAAGCAACAACGCAGGAGAAGATACAAC
GAGGTCAACACAGACCCTTTCCTGAGACTTGCTTGTATTGAGCTTCTTGTCTCTTGTCTGCTGCT
TCTTCAGAAACAGATCTAACCAGGGAGCAATCCTCAGTTGGAAACTTAAGAAAAATGCAGAAGTCT
CTAGGTCCACTGGCCTCTCCACAGTCCACGGGAGAGGCAACCAGTGTGGCCATTCTCTTTGAAGACA
CCCAGCTACCGACCCACCTGGGTGCTCAGAGTCCAGGCTCCTCCAGGCACCTCTCCAGACTCAAAG
CCCACAGTACTTTCATCCTGCTGACCCACCTCTCCACATTACCAGTTACTGACACCACCTGGCCG
CCTTCAACCTCTCAGGCTGACAGGTCTCCCATGCCCCAGACCCACCTGCACCACCCACCATCAAAGT



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ACTTTGCTTGAATGGTGAAGTAGCCCAACATCCCATCTTTCTGCATCTGCACCTCCTGATGCAACTTCT
 GCTCACCTCATGTTAAAACCGATTTTGGGGCCCTGCACAACAGCGAGATTGGAAGCTCCTCATATTCC
 AGAATTCAGTCACAGCTGCAGCATCTTCAATCTTCCCTTTCCACAATTCAGGGTACCTTAACCTCT
 ACCTTCAAGCCTATCTTTGGCAGCATAGATCCACTTAAACTACGCCATGATAGCTCCTTTCTCCTCC
 AAGCAGACCCCTCCTCCATTTACTCATGCTTCTACCCATCATTTCCATGGCCTGGTCAAGGCCACCTCT
 GTGGTCATGTCCACCACCTAGCCAGCAGCATCTAAAGACTCTGTTTTAAGCCACCTTTGGATTTTGGT
 GTAGTGAATGTCAACAGTGCCGTAGGCAACACTTATTCTGTCCCTTCCACTTGCAGACATTTCTGCTT
 GGGACTGCTCAGGCCTTCAGGGCCGACTTCACCCAGCCACAGGATTCATTTTCCACCACACCACCAT
 CCTACAATTCCTACTGTGCATACAGTCACCATGTTTACCAGGTCTTTCCAGTGTGTACAGATATCC
 CCTAGAAGCAGCACTGCTAATTTAGGGGTATGGGCAGCCCTCTGCCTGCCTCTGCCCTAGTATCCACA
 AACTGGCTTGCATCAACCCCGAGCATCTCCAACCTGACTCCAGCAATCACAAGTCCCTTGGGATCAAGC
 TCAAGGCCACCTTTCCACTATCCCAAGGAGCTAATCCCGAGCCTGCATTTGGTCCACAAATGGACAG
 AAACAAGGGCCTTCCAGCCAGCCCTTATGCCAAGTGTCAAGTCTTTTCTTTTGGGAGCTCAGCA
 GTGGCATTGCCAACCCCGATGCCAATCCAGCTCAGCCAGCCTTCATTAGTACCACACAGTCAGCCTTG
 GGGTGTGTGACACCTCAGCCTCCACCTCTCAACCCCTGCCAGCACCTGGTCAGGCATTGGCGGCATT
 CCAGCAGTGTTCCTATTAGTCAAGCTAGTACAACCTGGGTTTGAATTTGAATTCAGACCCACCAAGT
 GGGGCTTTTGGCTCAGTGTGTGGCAGCAGAGCTCCACAACCTTTCACTTTTGGGGGATTCTGTACCCCT
 ATGGACTGTGATGAGTCTGGGATCATAATGACTGGTCCAGACATGAGCCCACTCTGGAGCTTTTACGC
 ATTGGAGCATTGCCTAGTGGGACCACTAACACCATGATCCCTTTGGAAAAGGCTGGAGCCAGAACACT
 GAAGGCCTGCCAGCCACCGCACAGCTTTTCTTGGGAGAGGCAGCATTCTGCAAGAAAGACTATG
 GCCCCATTGCTCAAAACACCCAGTCCCTGGACAAGCTAAGGCAGGCAGCAGTGTGGCTTTGGGATG
 CCTTTTCCACCTGCCAGGGCTCTGTTGGGAGAGGACCTTTTATGATCATCAGCCTCTTCATTTTCCATT
 GGCGCAAAATCAAAACCCCAAGAATCGGGAGAAAGGCATTCCCGAAGGCATCATGCCTACAAGAAG
 TAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_033482
Insert Size:	3108 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).
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:	<u>NM_033482.3</u>
RefSeq Size:	3170 bp
RefSeq ORF:	3108 bp
Locus ID:	94026
UniProt ID:	<u>Q96KW2</u>
Cytogenetics:	6p22.1
MW:	109.9 kDa