

Product datasheet for **MC222920**

Pom121I2 (NM_001162928) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pom121I2 (NM_001162928) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pom121I2
Synonyms:	Gm24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222920 representing NM_001162928
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCAGCTACCTGGGCAAAGCGGGTCTCGCCGGTCCCCAGCACAGGGGCGCGCAGACTCAGGGG
 AGAAGCCTGCGAGCCCGGACCCGCTAGGCCCTCTACCAGTCCACCGGTGCAGCATGTCCACCGCGC
 CCAGCCCCTCGGAGACACAGGCCGGCCGGAGGCCGCCAACTGGGATCCCGCCAAACCCTACCGTTTC
 GTCAGTGAGGCCTGGAGGCGTCCCATGAAGAGGCCACAGAACCCCATCATGGGCTCTCTTCTTCAG
 ACTGGTGGGAAAGTTACCTGAAGCGTAATATTTGGTCCCTTCGTACCCTCGGGCCACATGGAGTCCGGT
 GACAGTCAAGATCTCGCTCCTGAGCGGAGACCAGGCCCTTGTCCCGTCTCAAGAGTGGTGAATCC
 GCGGGACCTTCAGAGGAGCCACCAGGGCCTGTGGAAAGGACCCGGTGTGAGGGCCCTCTCCAGTGCA
 GGAAGGGCAGAGCCAGGTGGGAAGAGCCACTGTTCCCGGACACCTCCGACAGCCAAAGGCATTCCGCCCTC
 CGTATGGTCCGCCTTAAAGCCCCTGTTGAAAAGTGGGGCCACTGTTTCGTTTGTGGCCAGGCCTGGGTCT
 CTGAAAAGGAGACCCCATGTCCAGAGCTCAGATGATAAATGTAAGAGATCCGGTTGCTTCTCTGGGGCC
 TTGTGGCCAGCATACATACCCAAGGCCCCCCAGCACAAAAAGAAATGCTATTACCAAGTCTTACAGTTC
 TTCTAGAGAGCTCTCAGGATCTTGAAGAGACATTTTCTCAGGACATTAGTCCAGACTCCAGAATGGCCA
 TTGAAAAAAGCAGGAGAGAGTCCATTTCTCACCTCTCAGTCACACCCAGCAGCTCTGGACAGCTAAATG
 GAGAGATTCCTCTACTGCAGTCTGGCCCTAGGGACCTGCTAACTATACCTTGCAGCAAGGTCTGTTGT
 CACTGAAGAGGACCCAACATTAGAGGGGCAAGCTGTGCCGAGCAACCAACCACAGAAGCTACAACCGGG
 ACAGCCGGAGACTCCATTCCAGAGATGAGGGCTGGAATTCAGCTACCTTGTCTCTCAGTCGGTCTGTT
 CTGAGAGAGTTCCTAGCACCCACGTGAACCTCAGCTGGAAAGCTTGAAGAATATGCCTGCCACCTCGG
 GTGCTCACAGTTAGAGCACATCCAAGGCATCTCTCAGACTCAAATCCCTCAATTGCTTCCACCCAGGCG
 TCTCAAGCTCTCCACAAACACCAAGTCACTGATTCCACCTGGCTATCTTCAATCCCTCGGCTCACAGGT
 CTGCTGTGCCCCACACTCATCTGTCAATTAACCCACAGCACCCACCACACAAAGCACTTTGGTGGGGT
 GGTGAGTAACCCAATTCTCCATCTTCTGCATCTGTACTTCCCGTGGAGACGTCTTCTCACTTAGCATT
 AGACCTATTTGGGGCCCTGTTACAGTACTGAGGTTAGAAGTGCCTCATACTCCAGAATTTCTGTATGG
 CTGAGGCCTCTTCAAGCTCTTCTCCCTACAACCTCCAGGTATCTTAAGGCCACCTTCAAGCCTATCTT
 TGGCAGTATAGAACCCTCAAACCTATGTCTGAGACAGCTCCTGTGCACACCAGGCAGCCCTCTTCTTCA
 CTGAGTCTGATTCTACCATCTTTTCCACAGCCTAGCCACCACAGCCCTGTGTGGTTACGTCTGTCA
 TTCCAGCCAGCAAATCCAAGACCTGGTGTGGATTTGAACATAGTGACCAGCACAGGCAACTCTTG
 CTCTGTCCCTTCTGAGCACTTCTCTGCTGGAGCTTCCAGAACTTTCCTCGGCCACTGATTTAATT
 TTCCCTTCCCAACACCCCAAAATCCCCTGTACACACGGTCACTATCTTAGCCAGGTTCTTACTAGTG
 CCATCAAGATATCCCCTCTTAGAAGCACTGATACACTGAAGGGGGTGGCAACCCCTGGCAACTTTGGG
 CTTATCGTCCACAAACAGCCTCCAGTGACCTCAAGCAACTCCAATGTGACTTCAAGCACTCACATCATCT
 TTGGGGTCAAGCCAAAGCCACTTTTGGCCACATCCCAAGAAATACTTCTCAAAGCTCACCTGGGGCCA
 TAGATGGGCTAAAGCAATCTTCTCTCCAGTAGCTCCTGCCAAAGCTTCAAGTACCTCTTCTCTTTCAGA
 GAACTCAGGTGTCTCCAACCCCATCTGCTCAACTGGTCTTGAAGACCACACAGCCAGCTTGTGGG
 CAGTTGACATCGTCAGTCCCATTATTCACACTCCTGCCACAGTCAGACAGGCTTTGGCAGCACTCTGG
 CTGGGTTTCCATTCCGCAAGCTAGTTCAACTGCCCTTAGGGTTATCAGGCAGAACCACCAGAGTGTGAC
 CTACAGTTCAGTTTTTGGCAGCACAGCCCAAGACCTTTTGTCTTGGAGGATTAGTGATGCCTATGGAT
 TGTGGGGAGCCTGAGGTCAATTGTGGTGCCTTCAAGGAGCACTTCTGGCACAAGACAGAGTATGACCC
 CAAGCACCTAGTCCCTTTGTGCAATGCTGGAACCAGAGTATGCAGGGCCCTCTAACCAGATCACACC
 TTTGGCTGGCATTCTGCAAGAAAGATCATGTCTGGGGCCCTCCCTGGTCCCTTTGCTCAGAGTATC
 CCTGTACCTGGAGCAATTAAGGCAGGTAGCAGTCTTGGCTTTGGGATGTCCTCTCCACTGTTCAAGGTT
 CTGTGGGGAGAAATCCTTTGAGATCATTGGAACCTTCACTGTATTGGTACAAAATCAAAAACACTAAG
 GAACCGAGAGCCAGGGCGCTCCCGAAACATCACACTTACAAGAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001162928
Insert Size:	2919 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:	<u>NM_001162928.1</u> , <u>NP_001156400.1</u>
RefSeq Size:	4727 bp
RefSeq ORF:	2919 bp
Locus ID:	195236
UniProt ID:	<u>Q5SW25</u>
Cytogenetics:	13 A3.1