

Product datasheet for MC214935

Pom121I12 (NM_001164166) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pom121I12 (NM_001164166) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pom121I12
Synonyms:	1700054H16Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214935 representing NM_001164166 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCAGCTCCCTGGGCTCACCTCAGAGATCGCTGTCTGCCCCAGGCACCGAAGGTCTAGGCCTTGGC
 CTGAGTGGGTCCGCACAGCCATGGACCAACGTTCTGCTCACCTCCGCACGCCCCAGAGAGTGGTGGG
 AACCTGGAGGCGCTCTGCCATCAGACCTCCACAGGTGTACCCTGGGCTGGATCTCTCCAGTGCCTGG
 GACACCTATATGAAACGATGGATTGGAGTGTACGGAACCCTGGGTGGACCTGCAGCCCGGTGACAGTCA
 AGATTGCCCTCCTGAGGGCAGAGGTAGTCCCCTGGCTTCTCTAGAACAGGGAGCACGCATTGCAGAGCA
 TCCAGAGGAGCTTCCAGACCTTGTGCCAAGGAGACAGTGTGAGAGCTCTCAGCCAGTGAAGAAGGGG
 ACTAGACGATTTGATGGACCTCTGTGGTTTGAAGTCCCAGAGGTGAAAAATAGAAGACAGAACCCAGAAC
 CTAAGCGTTCTTCAGCCTTTAAACCCTGGATAAAAAATGGAGTGGCTGTTTCTTTTGTTCCTCAAGCCTGG
 GCCTCTGAACAAAAGCATCGACTACATGAGCTTCAATGTCTTCAAGAAGGAACTGACCCCCATCCCTGT
 ATCCACACAGACATGCATGTGTGTAGAGCCCCACATGGAAAGCTCTAAGAAGACCCAGGCCTCCTGTG
 ACCCCTGTCGACCCCTGGGCCAAGACTGGAGCCTGTGGAGTCTCCTTGGCAGGTGGGGATTTCATTCT
 TTGTCTGAGCTCTGTCATCCCTTTGGAGACTCCAGTAGACTTTCACCCCTGGCCACACATTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001164166
Insert Size:	837 bp


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001164166.1, NP_001157638.1</u>
RefSeq Size:	1077 bp
RefSeq ORF:	837 bp
Locus ID:	432536
Cytogenetics:	11 A2