

Product datasheet for **MC227315**

Pygo2 (NM_001293767) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pygo2 (NM_001293767) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pygo2
Synonyms: 1190004M21Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227315 representing NM_001293767
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGAGCCCTGAAAAGAAGCGAAGAAAGTCCAATACTCAGGGTCTGCATATTCACATCTGACGGAGT
 TCGCCCCACCCCGACCCCATGGTGGATCATCTGGTCGTTCTAACCCCTTTGAGGATGATTTTCGGAGC
 CCCTAAAGTGGGGGGCGCAGGCCCTCCGTTCTCGGCAGTCCGGTGCCCTTTGGAGGCTTTCGTGTACAG
 GGGGGCATGGCAGGCCAGGTACCCCGAGCTACGGCACTGGAGGAGGAGGGGGTCCCGAGCACTTCGTC
 GGCAGCCCCCTCTTTTCCCCCAACCCTATGGGTCCAGCTTTTAATATGCCCCCTCAGGGCCCTGGCTA
 CCCGCCCTGGCAACATGAACCTTCCAGTCAACCCTCAACCAGTCTCTGGGCCAAAACCTTTAGCCCA
 CCTGGTGGCAGGTGATGCCAGGCCAGTAGGCGGATTTGGTCCCATGATCTCACCGACCATGGGACAGC
 CTCCTAGAGGGGAGCTGGGTCTCTCTCTCCCCAACGCTTTACCCAACAGGAGCACCTTTGGTCC
 TTCTCTCAGAGACCTGGTCAGGGACTCCCCAGCCTGCCCCCAACACAAGTCCCTTCCCTGGTCCAGAC
 CCTGGTTTTCTGGCCCTGGCGGTGAGGATGGTGGGAAGCCCTTGAACCCACCGGCTCCCACCGCTTTC
 CCCAGGAGCCCCATTGGGCTCCCCGCTGCTGCTCAATGGGAATCAGCCAGTTTCCCCCTATGCAG
 CAGTGGTCGAGGTGGGGCACTCCAGATGCCAACAGTCTGGCACCCCGCAAGGCAGGGGGAGGCTCA
 GGGCCCCAGCCTCCCCAGGCCTGGTGTACCCCTGCGGTGCCTGCCGTAGTGAGGTAAATGATGACCAGG
 ATGCCATTCTGTGTGAGGCCTCTGCCAGAAGTGGTTTACC CGCAGTGCACCGCATGACCGAGAGTGC
 CTACGGCTGCTGACCACCGAGGCCTCTGCCGTCTGGCCTGTGATCTTTGCCTCAAGACCAAGGAGATC
 CAGTCTGTCTACATCCGAGAGGGCATGGCCAGTTGGTGGCTGCTAACGATGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001293767



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Insert Size:	1107 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001293767.1, NP_001280696.1</u>
RefSeq Size:	2845 bp
RefSeq ORF:	1107 bp
Locus ID:	68911
Cytogenetics:	3 F1