

Product datasheet for **MC227313**

Pygo2 (NM_001293763) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pygo2 (NM_001293763) 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: >MC227313 representing NM_001293763
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGAGCCCTGAAAAGAAGCGAAGAAAGTCCAATACTCAGGGTCTGCATATTCACATCTGACGGAGT
TCGCCACACCCCGACCCCATGGTGGATCATCTGGTCGCTTCTAACCCCTTTGAGGATGATTTTCGGAGC
CCCTAAAGTGGGGGGCGCAGGCCCTCCGTTCTCGGCAGTCCGGTGCCCTTTGGAGGCTTTCGTGTACAG
GGGGCATGGCAGGCCAGGTACCCCGAGCTACGGCAGTGGAGGAGGAGGGGGTCCCGAGCACTTCGTG
GGCAGCCCTCCTTTTCCCCCAACCCTATGGGTCCAGCTTTAATATGCCCTCAGGGCCCTGGCTA
CCCGCCCTGGCAACATGAACTTTCCAGTCAACCCCTCAACCAGTCTCTGGGCCAAAACCTTTAGCCCA
CCTGGTGGCAGGTGATGCCAGGCCAGTAGGCGGATTTGGTCCCATGATCTCACCGACCATGGGACAGC
CTCCTAGAGGGGAGCTGGGTCTCCTCCTCCTCCCCAACGCTTTACCAACCAGGAGCACCTTTGGTCC
TTCTCTCAGAGACCTGGTCAGGACTCCCCAGCCTGCCCAACACAAGTCCCTTCCCTGGTCCAGAC
CCTGGTTTTCTGGCCCTGGCGGTGAGGATGGTGGGAAGCCCTTGAACCAACCGGCTCCCACCGCTTTC
CCCAGGAGCCCAATTCGGGCTCCCCGCTGCTGCTGCAATGGGAATCAGCCAGTTTCCCCCTATGACG
CAGTGGTCGAGGTGGGGCACTCCAGATGCCAACAGTCTGGCACCCCGCAAGGCAGGGGGAGGCTCA
GGGCCCAAGCCTCCCCAGGCTGGTGTACCCCTGCGGTGCCTGCCGTAGTGAGGTAAATGATGACCAGG
ATGCCATTCTGTGTGAGGCCTCCTGCCAGAAGTGGTTTACCAGGAGTGACCGGCATGACCGAGAGTGC
CTACGGCTGCTGACCACCGAGGCTCTGCCGTCTGGGCTGTGATCTTTGCCTCAAGACCAAGGAGATC
CAGTCTGTCTACATCCGAGAGGGCATGGGCCAGTTGGTGGCTGCTAACGATGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001293763



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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_001293763.1</u> , <u>NP_001280692.1</u>
RefSeq Size:	2986 bp
RefSeq ORF:	1107 bp
Locus ID:	68911
Cytogenetics:	3 F1