

Product datasheet for **MC227314**

Pygo2 (NM_001293766) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pygo2 (NM_001293766) 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:	>MC227314 representing NM_001293766 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGAGCCCTGAAAAGAAGCGAAGAAAGTCCAATACTCAGGGTCTGCATATTCACATCTGACGGAGT
TCGCCACACCCCGACCCCATGGTGGATCATCTGGTCGCTTCTAACCCCTTTGAGGATGATTTTCGGAGC
CCCTAAAGTGGGGGGCGCAGGCCCTCCGTTCTCGGCAGTCCGGTGCCCTTTGGAGGCTTTCGTGTACAG
GGGGGCATGGCAGGCCAGGTACCCCGAGCTACGGCACTGGAGGAGGAGGGGGTCCCGAGCACTTCGTC
GGCAGCCCTCCTTTTCCCCCAACCCTATGGGTCCAGCTTTAATATGCCCCCTCAGGGCCCTGGCTA
CCCGCCCTGGCAACATGAACCTTCCAGTCAACCCCTCAACCAGTCTCTGGGCCAAAACCTTTAGCCCA
CCTGGTGGCAGGTGATGCCAGGCCAGTAGGCGGATTTGGTCCCATGATCTCACCGACCATGGGACAGC
CTCCTAGAGGGGAGCTGGGTCTCCTCCTCCTCCCCAACGCTTTACCCAACAGGAGCACCTTTGGTCC
TTCTCTCAGAGACCTGGTCAGGACTCCCCAGCCTGCCCCCAACACAAGTCCCTTCCCTGGTCCAGAC
CCTGGTTTTCTGGCCCTGGCGGTGAGGATGGTGGGAAGCCCTTGAACCCACCGGCTCCCACCGCTTTC
CCCAGGAGCCCATTCGGGCTCCCCGCTGCTGCTGCAATGGGAATCAGCCAGTTTCCCCCTATGCAG
CAGTGGTCGAGGTGGGGCACTCCAGATGCCAACAGTCTGGCACCCCGCAAGGCAGGGGGAGGCTCA
GGGCCCAAGCCTCCCCAGGCTGGTGTACCCCTGCGGTGCCTGCCGTAGTGAGGTAAATGATGACCAGG
ATGCCATTCTGTGTGAGGCCTCCTGCCAGAAGTGGTTTACC CGAGTGCACCGCATGACCGAGAGTGC
CTACGGCTGCTGACCACCGAGGCTCTGCCGTCTGGGCTGTGATCTTTGCCTCAAGACCAAGGAGATC
CAGTCTGTCTACATCCGAGAGGGCATGGCCAGTTGGTGGCTGCTAACGATGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001293766



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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_001293766.1</u> , <u>NP_001280695.1</u>
RefSeq Size:	2853 bp
RefSeq ORF:	1107 bp
Locus ID:	68911
Cytogenetics:	3 F1