

Product datasheet for MR205051

Pygo2 (BC025531) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pygo2 (BC025531) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pygo2
Synonyms:	1190004M21Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR205051 representing BC025531 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGGATCATCTGGTCGTTCTAACCCTTTTGAGGATGATTCGGAGCCCTAAAGTGGGGGGCGCAG
GCCCTCCGTTCTCGGCAGTCCGGTCCCTTTGGAGGCTTTCGTGTACAGGGGGGCATGGCAGGCCAGT
ACCCCCAGGCTACGGCACTGGAGGAGGAGGGGTCCCCAGCCACTTCGTCGGCAGCCCCCTCTTTTCCC
CCCAACCTATGGGTCCAGCTTTAATATGCCCCCTCAGGGCCCTGGCTACCCGCCCTGGCAACATGA
ACTTTCCAGTCAACCTTCAACCAAGTCTCTGGGCCAAAACCTTTAGCCACCTGGTGGGCAGGTGATGTC
AGGCCAGTAGGCGGATTTGGTCCCATGATCTCACCGACCATGGGACAGCCTCTAGAGGGGAGCTGGGT
CCTCCTCTCTCCCCAACGCTTTACCCAACAGGAGCACCTTTTGGTCTTCTCTTCAGAGACCTGGTC
AGGGACTCCCCAGCCTGCCCCCAACACAAGTCCCTTCCCTGGTCCAGACCCTGGTTTTCTGGCCCTGG
CGGTGAGGATGGTGGGAAGCCCTGAACCCACCGGCTCCCACCGCCTTTCCCCAGGAGCCCCATTCGGGC
TCCCCGCTGCTGCTGTCAATGGGAATCAGCCAGTTTCCCCCTAGCAGCAGTGGTCGAGGTGGGGCA
CTCCAGATGCCAACAGTCTGGCACCCCGCAAGGCAGGGGGAGGCTCAGGGCCCCAGCCTCCCCAGG
CCTGGTGTACCCCTGCGGTGCTGCCGTAGTGAGGTAATGATGACCAGGATGCCATTCTGTGTGAGGCC
TCTGCCAGAAGTGGTTTACCAGGAGTGCACCGCATGACCGAGAGTGCCTACGGCCTGCTGACCACCG
AGGCCTCTGCCGTCTGGCCTGTGATCTTTGCCTCAAGACCAAGGAGATCCAGTCTGTCTACATCCGAGA
GGGCATGGGCCAGTTGGTGGCTGCTAACGATGGG

ACGGTACGGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR205051 representing BC025531
 Red=Cloning site Green=Tags(s)

MVDHLVASNPFEDDFGAPKVGAGPPFLGSPVPFGGFRVQGGMAGQVPPGYGTGGGGPQPLRRQPPPPFP
 PNPMPGAFNMPPQGGYPPPGNMNFPSSQPFNQSLGQNFSPGGQVMSGPVGGFGPMISPTMGQPPRGELG
 PPPLPQRF TQPGAPFGPSLQRPQGLPSLPPNTSPFPGDPGFGPGGEDGGKPLNPPAPTAFPQEPHSG
 SPAAAVNGNQPSFPPSSSGRGGGTPDANSLAPPKAGGSGPQPPPGLVYPCGACRSEVNDQDAILCEA
 SCQKWFHRECTGMTESAYGLLTTEASAVWACDLCLKTKEIQSVYIREGMGQLVAANDG

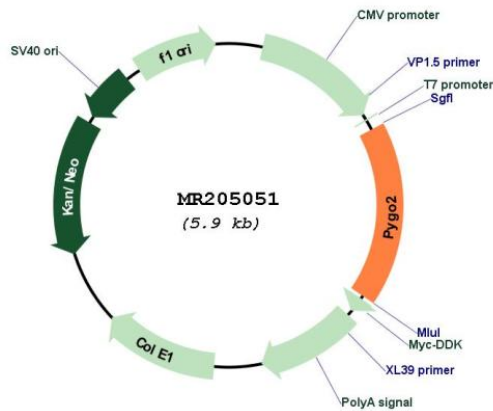
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC025531

ORF Size: 1014 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	BC025531.1
RefSeq Size:	2678 bp
RefSeq ORF:	1016 bp
Locus ID:	68911
Cytogenetics:	3 F1
MW:	98.1 kDa