

Product datasheet for SC123128

Pygopus 2 (PYGO2) (NM_138300) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pygopus 2 (PYGO2) (NM_138300) Human Untagged Clone
Tag:	Tag Free
Symbol:	Pygopus 2
Synonyms:	1190004M21Rik
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_138300 edited
 GTCTGGAGAGAGCGCAGTTTGGCGGGCGGCTCGGCGCTTCCCTGTCGTCGCACTTTGT
 GTTGCTGCAGCTCGGGGGCCTGGGCTGCCCTGACACCCTTCTGGGCGATGGTGCAGC
 CCAAGGGCGCCTCCATCCCCCGCCTGCGCTAACCCGGGTCCCCACTCCATGGCCGC
 CTGGCGCGCCGCCACCGGACAAGCTGGAGGGAGGTGGCGGCCCGCACCGCCCTGC
 GCCGCCAGCACCGGGAGGAAGCAGGGCAAGGCCGGTCTGCAAATGAAGAGTCCAGAAAA
 GAAGCGAAGGAAGTCAAATACTCAGGGCCTGCATACTCACATCTGACGGAGTTGCACC
 ACCCCCAACTCCCATGGTGGATCACCTGGTTGCATCCAACCTTTTGAAGATGACTTCGG
 AGCCCCAAAGTGGGGTTCAGCCCTCCATTCTTGGCAGTCTGTGCCCTTCGGAGG
 CTTCCGTGTGAGGGGGCATGGCGGGCCAGGTACCCCAAGGCTACAGCACTGGAGGTGG
 AGGGGGCCCCAGCCACTCCGTGACAGCCACCCCTTCCCTCCAATCCTATGGGCC
 TGCTTTAACATGCCCCCCAGGGTCTGGCTACCCACCCCAAGCAACATGAACTTCC
 CAGCCAACCTTCAACCAGCCTCTGGGTCAAACTTTAGTCTCCAGTGGGCAGATGAT
 GCCGGGCCAGTGGGGGATTTGGTCCCATGATCTCACCCACCATGGGACAGCCTCCCAG
 AGCAGAGCTGGGCCACCTTCTCTGTCCCAACGATTTGCTCAGCCAGGGGCTCCTTTGG
 CCCTTCTCTCTCAGAGACCTGGTCAGGGGCTCCCCAGCCTGCCGCTAACACAAGTCC
 CTTTCTGGTCCGACCTGGCTTTCTTGGCCCTGGTGGTGAAGTGGGGGAAGCCCTT
 GAATCCACCTGCTTCTACTGCTTTTCCCCAGGAGCCCCACTCAGGCTCCCCGGCTGCTGC
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 CCCAGGCTTGGTGTACCCATGTGGTGCCTGTGGAGTGAAGTGAACGATGACCAGGATGC
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 CCAGGGTGATTTTTTTGATGTTTGGCTCTTGGTCTTGTTCCTACTGGCTTTCCATCCCC
 ATGGGGCAGAAACAGTGGCTCCTGGGAGCAGAAAAGGAATTGAGGTGGGCAGGCAGAAGA



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GCCTGGATTGCTCACTGTTTTGGGAACTTACATGTTGAGATCTACAGAGATCCAGGAAA
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CGGAGAAGTTAGGAGTCCCCAGCTCAAGATACAGTGGCAAGACCTAGTGGTCCCCTAC
CCCCACTTCTCAGTTCCTGGCATGAGGAGAGAAGACCCTGCTCTGGTGGAGCTGACAA
CCTTTGAGGCTGGGAGGAGAGCAGCCTCTGGGCATCGTCCCAGTGTCCCTCACACTAAA
ACGGCGTAGATGGCAACCCCCACCCCAACCCCGCTGCTCAACTTTGTGTTTGTGTTT
TGTTTGGCCCATTTATCTGTTGCTGTTTTTGTGTTGTCTTCCCCTGCTCCGCATTTTGTA
AAATGGCCCTGGGGAGTGTTTTGCTGGATCTGCTCCCTCTCGCTCTCACTCCACT
ACTTTTTGGACAAAGTGATGGCAGAATGCGGTGGTGGGGGCTTTTTGTACTGTTGGA
TTAATAAAATGATTTTAAATCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAA
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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_138300 unedited
TCATCATTTGTAATACGACTCACTATAGGGCGGCCGACGAATTCGCACGAGGTCTGGAGA
GAGCGCGCAGTTTGC GCGCGGCTCGGGCTTCCCTGTCGTCGCACTTTGTGTTGCTGC
AGCTCGGGGGCTGGGCTGCCCCGACACCCCTTCTGGGCGATGGTGCAGCCCAAGGGCG
CCTCCATCCCCGCGCTGCCGCTAACCCGGTCCCCACTCCATGGCCGCTCGGCGCC
GCCCGCACCGACAAGCTGGATGGAGGTGGCGGCCCGCACCCCTGCGCGCCCGAG
CACCGGGAGGAAGCAGGGCAAGGCCGTCTGCAAATGAAGAGTCCAGAAAAGAAGCGAAG
GAAGTCAAATACTCAGGGCCCTGCATACTCACATCTGACGGAGTTTGCACCACCCCAAC
TCCCATGGTGGATCACCTGGTTGCATCCAACCCTTTTGAAGATGACTTCGGAGCCCCAA
AGTGGGGTTGACGCCCCCATTTCCTTGGCAGTCTGTGCCCTTCCAGAGGCTTCCGTGT
GCAGGGGGGCATGGCGGGCCAGGTACCCCCAGGCTACAGCACCTGGAGTGAAGGGGCC
CCAGCCACTCCGTGACAGCCACCCCTTCTCCCAATCCTATGGGCCCGGGCTTCAA
CATGCCCCCAAGGTCCGGGCTCCCCACCCCAAGGCAACATGAACTTTCCAGCAAACC
CTTCAACCAGGCCCGGGTAAAACTTAGTCCCCCACTGGGCAAGAATTCCGGGGCC
CTGGGGGGGATTTGGGCCATGATCTTACGCCCTGGGGAAACCTCCCAACAAGACCG
AGCCACCTCTCCGACCAAAATTTGACCACCCAGGTTCTTTGGCCCTTATCTTTACAA
ACACGGTAAGGGCCCCCACTCGGCGGCTACAAAAT
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Restriction Sites:

Please inquire

ACCN:

NM_138300

Insert Size:

3199 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).
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:	NM_138300.3 , NP_612157.1
RefSeq Size:	3227 bp
RefSeq ORF:	1221 bp
Locus ID:	90780
UniProt ID:	Q9BRQ0
Cytogenetics:	1q21.3
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	Involved in signal transduction through the Wnt pathway.[UniProtKB/Swiss-Prot Function]