

Product datasheet for **MC222935**

Pigg (NM_001081234) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigg (NM_001081234) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pigg
Synonyms:	Gpi7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222935 representing NM_001081234
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCGGCTGGGCTCCGGGCTTCGCTGCCAGCTGCGTAGCGATTGAGGTGATCGGGGTCGGATATTTA
 TTCGGGGATTCTCCAGCTCCTGTTCTCTGCTAGACCAGAGCAGATGCAGAGACCCAGCGCC
 CGAACCCGTAGCAGGAGTCCGTTTGAAGTGGACCAAGCTGCCACCACCTCTCTTCAAGTAAAGTGGTTATT
 GTGTTGATAGATGCATTAAGAGATGATTTTGTGTTGGGTGAAAGTGTGAAGTATATGCCCTACACAA
 CGTATCTGGTAGAAAAAGGAGCATCTCATAGCTTTGTGGCTGAGGCAAAGCCACCCACAGTTACTATGCC
 TCGAATCAAGGCATTGATGACAGGAAGTCTCCCTGGCTTTGTTGATGTCATCAGGAATCTCAATTCTCT
 GTGCTCTAGAAGACAATGTGTTAAGACAGGCAAAAGCTGCTGGGAAAAGAATTATCTTTATGGAGATG
 AAACATGGGTTAAATTATCCCAAAGCACTTTGTGGAATATGATGGGACAACATCATTCTTTGTGCAGA
 TTATATAGAGGTGGATAAAAATGTCACAAGGCATTTGGACAAAGTATTAAGAGAGGAGACTGGGATGTG
 TTAATCCTTCACTATCTAGGACTGGATCACATTGGCCACATTTCTGGGCCAACAGCCCCCTGATTGGTC
 ACAAGCTCAGCGAAATGGACAGTGTGCTGATGAAGATCCACACTTCACTGCTGTCGAAGGACAGAGAGAC
 TCTTTACCCAGTTTGTGGTCTCTGTGGTGACCATGGAATGTCTGAGACTGGGAGCCATGGGGCTCT
 TCCACTGAGGAAGTGAGCACACCTCTGCTCCTAATCAGCTCTGCATTTGAAAGAAAACCTGGGGATATTC
 GACACCCGAAGCATGTCCAGCAGACTGACTTGGCTGCAACACTGGCAATAGGACTTGGTTTGCAATTCC
 TAAAGACAGTGTAGGAAGCCTCTTATCCAGTTATAGAGGAAAACCGATGAGAGAACAACCTGAGATTT
 TTACATTTAAACACATTACAGCTTAGCAAACATTTGCAAGAAAATGTACCATCCTATGAAAAGATCCTG
 GATTTGAGCAATTTAAAATGGCAGAAAAGTTACATGAAAATGGTCAAACCTGCACTTGGAGGAAAACCA
 TTCAGACATTTCTGCTTGGCTGGGGACCAAAGTACTCAGGCATTACCTGGGTGCCCTGAAGACCCCTGAGT
 CTGTCCCTGAGCACACAAGTGGCTCAATATGACATGTAATCCATGGCAGTTCTCGCCCTGTTCTCTCTTA
 GCACTCCACATGTGCTGTGCAGAAAGGCTGAGCTGGATGTTCTCTGTTGTCGCCTGTGTTTTCGTGCT
 CTTTTACTTGGTGTGTTTTGGTCTTTTGGCCATTATGCTCTGGTGTGCACCTCATCTGAGAGCTCGTGC
 TACCTCTGTAGCCTCTCGTGGCTGGCAGTGGGGCTGTGATGCTACTTGTGTCTGCGCTGTTCTGTGCAA
 TTTTGTCTGCTTATCAGGATGGTCATTGACAGCACTCTGCTGAAGAAGATGCAGCTGATGCCAGCTC
 AGGGTGGTCAGAGGTGAACCTCCTTCTTCTTGGGCACAGTGGCCATGTTCTGAGCCTGGGAGCCAGC
 AGCTTCGTGGAGGAAGAGCACCAGACGTGGTATTTTCTTATTAATACTCTGTGCCTGGCTCTGAGCCAGG
 AAACCTGTAGGAGTACTTTCTGGGAGATGAATGTGAACCCAGCGTCACTCCCATGTGGAACAACAATG
 TGTGAATCTCCTTGCCTGTCTCTGCAGGACAGCACAAGCTACAATACCCCTGAGTCTGGCACGGCAGGT
 AAACGGGTCTCCCTTCTGGAAGCACAAGGAAGCTGCAAAATGGTGGACAGTGTGGCAAGTCCATGGCTGG
 TGCTGCTCTGCTGTGGCTGTGCGGCTCTGAACCAGACAGGGGTGCAGGGAGCGCATCGCCCCGACTT
 TAGCCACTGGCTTACCAGCTCTGACCACAAAGTACAGCTTTTCCAGGCTGGCTGCCCTCTCCCTGGTTGTA
 ATCTTCATGTTAGTTCAAAGGAGGTGCTCCCTGTATCCAAGTGGCCCTTGCCTGGGGCTGTGGGTG
 TCTTCTGTACAGGGCGCCATTGGGATTGTGCAGTCCCATGGCAATCAGACAACAAGGCATTTCAA
 GGAATTTAAGCTCGTTTTGTTTATGTCTTTGCTTGGTATTCTGTTCCCGGTACCAAGATTTA
 CTTAAAGCACAAGTCATTGCAACAGACTTCAAACCAAGACTGTAGGCTTGTGGGAAATGCATAGTGGAT
 TAGTTCTTCTGGCAGCTTGTCTTGTAGACCACACAATCTCCAGTGTAGCATTAGTCTTGTATTCA
 GACTGTGATGACTAAGTTCATCTGGAAGCCCTGAGACATGATGCAGCTGAGATCACTGTAATGCATTAT
 TGGTTCGGTCAAGCATTCTTATTTCCAGGTAATTCCAACAACATTGCTACCATCGACATTTACAGCAG
 GCTTTGTGGGCTTAGATACCTACATGGAAGTCCAGCCACATTCTCACAGTATTTGGAACATATGAGG
 GCCTGTGCTCTGGCCAGCCACCTTGTACTTCTGAGCTCAGAAGGAAACAATTCAGCACTGAGCCGT
 TCGTGCTTCTGCTATGCACTGATTTGTTCTGTTCCAGTTGCCACATACATTGCTCCTGGTGCATCTCTGC
 GCTATCATTTATCATATGGAGTGTATTTCTCAAAGCTTCTCTATGAAGGAATGCATCTGCTCATCAC
 GGCTGCCATTTGTGCAGTGTCTACTGCCACAAACAGACTCGCCACAGGAGGGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001081234
Insert Size:	2928 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:	<u>NM_001081234.2</u> , <u>NP_001074703.1</u>
RefSeq Size:	4233 bp
RefSeq ORF:	2928 bp
Locus ID:	433931
Cytogenetics:	5 F