

Product datasheet for MR206181

Pigk (NM_025662) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigk (NM_025662) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pigk
Synonyms:	3000001O05Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206181 representing NM_025662 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGGCCCCCTGCTTCCTCACTCTGCGGGTGGCTACCCTGGCCGCTTGGCGCTCTTGTCTCTCGGCA
GCTCTGCCGCTGGACACATCGAGGATCAAGCCGAACAGTTCTTTAGAAGTGGACACAAATAACTGGGC
TGTTTTGGTGTGCACATCCCGATTCTGGTTAACTACCGACATGTTGCAAATACTCTTTCTGTTTATAGA
AGCGTCAAGAGGCTAGGTATCCCGGACAGTCACATTGTCCTGATGCTTGCTGATGACATGGCGTGAATG
CTCGGAACCCCAAGCCAGCCACAGTGTTTCAGCCACAAGAACATGGAGCTCAATGTGTATGGAGACGATG
GGAAGTGGACTACAGAAGCTATGAGGTAAGTGTGGAGAATTTTTAAGGGTATTGACCGGGAGGGTTCCA
CCCAGTACCCCTCGCTCAAAGCGTCTTCTTTCCGACGACAGAAGCAATATCCTCATTTATATGACAGGTC
ATGGAGGGAATGGTTTCTTGAATTCGAAGATTCTGAAGAAATCACCAACATAGAAGTTCGAGATGCGTT
TGAACAGATGTGGCAGAAGAGACGCTACAATGAGCTGCTGTTTATTGACACTTGCCAGGGCGCGTCC
ATGTACGAGCGGTTCTACTCTCCTAACATCATGGCCTTGGCTAGTAGCCAGGTGGGAGAGGATTGCTGT
CGCACCAGCCTGACCCTGCGATTGGAGTTCATCTTATGGATAGGTACACGTTTTATGCTTGGAAATTTT
GGAAGAAATTAATCCAGTAGCCAACTAACATGAACGACTTTTTCAAGTGTGCCAAAAGTCTCTGT
GTGTCGACCCCTGGACATCGCACTGACCTTTTCCAGCGAGATCCAAAAAATGTCCTGATCACCGATTCT
TCGGAAGTGTGCGCAAGGTGAAAATCACAAACAGAGAAGATCAGTTTGCAGTGGGATTACAAAGTCGTGGA
CAGCAGTTCTAAAGAAGACGGCACGGCCGAGGAGCGCATGGGACCTCTCAAGTATGCTGAGCAGCTCCCG
GTGGCTCAGATAATACCCAGAAGCCAAAGCCGAGAGACTGGCACCTCCCGGAGGCTTCATCTGGGGC
TGTGGCGCTCATCATATGGTCTTCTTCAAGACCTATGGGATCAAGCATATGAAGTTTCATTTTC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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_025662.5](#), [NP_079938.1](#)

RefSeq Size: 4744 bp

RefSeq ORF: 1188 bp

Locus ID: 329777

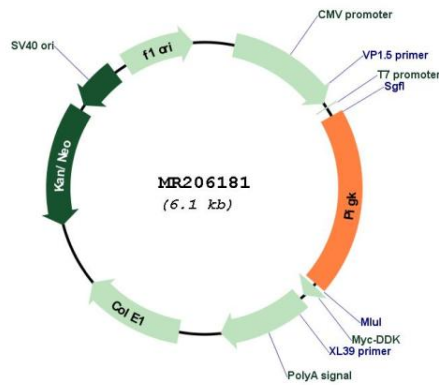
UniProt ID: [Q9CXY9](#)

Cytogenetics: 3 H3

MW: 45.3 kDa

Gene Summary: Mediates GPI anchoring in the endoplasmic reticulum, by replacing a protein's C-terminal GPI attachment signal peptide with a pre-assembled GPI. During this transamidation reaction, the GPI transamidase forms a carbonyl intermediate with the substrate protein (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206181