

Product datasheet for **MG216838**

Pkp3 (NM_019762) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pkp3 (NM_019762) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pkp3
Synonyms:	2310056L12Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG216838 representing NM_019762
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGAAGGTAACCTCCTGCTGTCTGCCTGCAGCCTGAGACTGGTGTTCCTGCCTGCCTT
 CGGACCTACAGCTGGATCGCCGGGGTGCAGAGGGACCGGAGGCTGATCGACTTAGAGCTGCCAGAGTCCA
 GGAGCAAGTCCGAGCCCGCTCCTGCAGCTGGGCCAGCAGTCCGGCACAATGGGTCTGCTGAGCTTGAT
 GGCTCCGCGGAGAGCGCCAGAGGCATGCCAGAGGTCAATATCACACTATGCAGACTGGCTTCAGCTCCC
 GATCCCAGGGCATGAGTGGAGACAAGACCTCGACCTTCCGGCCCATCGCCAAGCCGGCCTACAGCCCAGC
 TTCCTGGTCTCCGCTCAGCCGTGGATCTGACGTGCAGTCCGAGGCTGAGTTCTGCCACAATGGGGGC
 AGTGCCTTTGGGCTGTGGGATATGGGGTACCCAGCCACTCCACCTATGCCACCCGGCCAGTGTCT
 TCCATGAGCGAGGTGGGCGAGCCAGCAGAGCTGACTATGACACATTATCCCTGCGCTCACTGAGGCTGGG
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 AGGGCCTATGCTTACGAGCGCCAGGCTAGCTCCGGCTTAGCCGAGCAGGGGGCCTGGACTGGCCAGAGG
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 CCACCGAAGCCGTGGGGTACCGGGTCACTGTCAGGTGCCGGCTTGGAGCCAGTGGCCCGAGCCCATCT
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 TGCTCAACAACCTGGTGGTAGCCAGCCCCATTGCTGCCCGGACCTGCTCTACTTTGATGGCCTCCGAAA
 GCTGGTCTTATCAAAAAGAAGAGGGATAGCCCCGACAGTGAGAAGTCTTCCCGGCGAGCCTCCAGCCTC
 TTGGCCAACCTCTGGCAGTACAGCAAGCTCCACCGTACTTCCGGCGAAAGGCTACCGGAAAGAGGACT
 TCCTGGGTCCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG216838 representing NM_019762
 Red=Cloning site Green=Tags(s)

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MQEGNFLLSALQPETGVCSLALPSDLQLDRRGAEGPEADRLRAARVQEQVRARLLQLGQQSRHNGSAELD
GSAESARGMPRGQYHTMQTFSSRSQGMGDKTSTFRPIAKPAYSPASWSSRSVAVDLTCSRRLSSAHNGG
SAFGAVGYGGTQTPPMPTRPVSFHERGGAASRADYDTLSLRSLRLLGPGGLDDRYSVVSEQLPAAASTY
RAYAYERQASSGSSRAGGLDWPEATEGPPSRTIRAPAMRTLQRFQSSHRSRGGTGSVSGAGLEPVARAPS
VRSLSLSLADSGHLPDVRGLDSYTGHRTLQRLSSGFDDIDLPSAVKYLMA SDPNLQVLGAAYIQHRCYS
AAAKKQARSLQAVPRLVKLFNHANQEVQRHATGAMRNL IYDNVDNKLALVEENGFELLRTLREQDDEL
KNVTGILWNLSSSDHLKDRDLARDTLEQLTDLVLSPLSGAGGPPLIQQNASEAEIFYNATGFLRNLSSASQ
ATRQKMRECHGLVDALVTYINHALDVGKCEDKSVENAVCVLRNLSYRLYDEMPPSALQRLEGRGRDMAG
APPGEMVGCFTPQSRRLRELPLTADALTFAEVSKDPKGLEWLWSPQIVGLYNRLLQRCELNRHTTEAAAG
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IEKLPGSVGEKCPPEAVLVNIIAVLNNLVVASPIAARDLLYFDGLRKLVIKKKRDSPDSEKSSRAASSL
LANLWQYSKLRDFRAKGYRKEDFLGP
  
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul

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_019762.2](#), [NP_062736.2](#)

RefSeq Size: 2857 bp

RefSeq ORF: 2394 bp

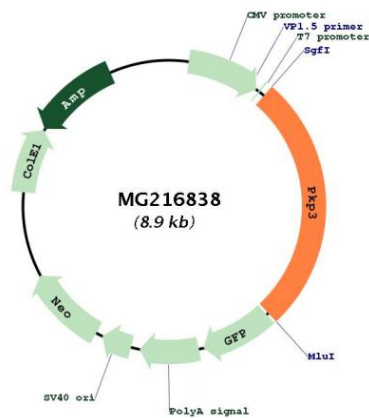
Locus ID: 56460

UniProt ID: [Q9QY23](#)

Cytogenetics: 7 F5

Gene Summary: May play a role in junctional plaques.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG216838