

Product datasheet for **RR216958**

Fpgs (NM_001146125) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fpgs (NM_001146125) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fpgs
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR216958 representing NM_001146125
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGTGGGCGGGAGCCACCTGTGCTCGGCTCTATCCTTGGCAGCTGTTTCTGCGCGTGGTGCAACGA
 TGGAGGGCGCGGCGTATCGGTGGTTGAGCGCGTGGCCAGCGCCGAGGAGCCGAGCATGGAGTATCAGGA
 TGCTGTGCGCACGCTCAACACCCTGCAAACCAATGCCAGCTGCCTGGAGGAGGTAAGCGTCAACGGAGT
 GACCCCTCAGGCGCAGCTAGAAGCTATGGAGGTGTACCTCGCACGGAGTGGACTGCAGGTGGAGGATTTGA
 ACCAACTAAAAATTATCCATGTCACTGGGACCAAGGAAAGGGCTCCACCTGTGCCTTCACTGAACGGAT
 CCTGCGGAATTACGGCTGAAAAGTGGCTTCTTTAGCTCTCCCCACCTGGTGCAGGTGCGTGAGCGGATT
 CGAATCAACGGGAAGCCATCAGCCCCGAACCTTTACCAAGTACTTCTGGCACCTCTATCAGCAGCTGG
 AGGAATCAAGGATGACAGCCACATTTCCATGCCCTTACTTCCGCTTCTCAGCTCATGGCTTTCCA
 TGTCTTCTCCAAGAGAAGGTGGACCTGGCCGTGGTGAAGTGGGCATTGGTGGGGCTTTTACTGCACC
 AACATCATCAGAAAGCCAGTGGTGTGTGGAGTCTCCTCTCTTGGCATTGACCACACCAGTCTGCTAGGAG
 ATACAGTGGAGAAAATAGCATGGCAGAAAAGGGGCATCTTTAAGCCTGGTGTCCCTGCCTTCACTGTGCT
 ACAGCCAGAAGGTCCCCTGGCCGTGCTGAGGGATAGAGCCAGCAGATCTCATGCCCCGTACCTGTGT
 CCACCATTTGGAAGCCCTGGAGCAGGTTGGATTGCCATTGAGCCTGGGCTGGAGGGAGAGACCAGCGGC
 ATAATGCAGCCTTGGCCTTGAGCTGGCCCGTTGTTGGCTGGAGCAGCAGAACTACCATGACATCCAGGA
 GCTGAAGGCATCAAGCCAAGCATTTCGGTGGCAGCTGCCGCTGGCACCTGTGTTCCGCCCCACGCCCCAC
 ATGAGACGTGGGCTTCGGGACACAGAGTGGCTGGTGGACACAGTACTCCAGCGGGGACCTGTTACCT
 GGTACCTGGATGGCGCTCATACCACAGCAGTGTGCAGGCTGTGTGCAGTGGTACTGCCAGTCACTGGG
 GCGCAGCAGACGCCACCGACGGTGGGCATGAAGTACACATCTTGGCTTCAACTCCACTGGTGACAGGGAC
 TCTGCTGCCCTACTGAAGTTGCTGCAGCCCTGCCATTTTATTACGCTGTCTTCTGCCCAATGTGACAG
 AGATTTTATCCATAGGAAACGCAGACCAGCAGAACTTACGGTACTCTGGACCAAGTGCTCCTCCGCTG
 CCTGCAGCACCAGAAGCATTGGAAGTGCCTGGCAGAGAAACAGGCCAGCTCCAACCTCTGGGGCAGCTGT
 GGCCAGAGTCTGCCCGCCAGGCTCCCTGCTGCTGGCACCGCACCCACCTCAGCCCACTAGCAGAGCT
 CCCTTGTTTTTCAGCTGCATCTCCACGCTTGCAGTGGATCAGCCAAGGCCGGGATCCCCTTTTCAGCC
 CGAGAGCCCTCAAGGAACCTTCTGAACCACCCACGGCCAACAGCGGGGCGAGCATTCTCCGAGAGGCC
 GCTGCCATCCACGTAAGTGCAGGGGAGCCTGCACCTGGTGGTGGGGCGCTGAGGCTGCTTGATCCCT
 CCATGTCTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216958 representing NM_001146125
 Red=Cloning site Green=Tags(s)

MSWARSHLCSALSLAAVSARGATMEGAAYRWLSAWPAPQEPSMEYQDAVRTLNLTQTNASCLEEVKQRQS
 DPQAQLEAMEVYLARSLQVEDLNQLKIIHVTGKKGSTCAFTERILRNYGLKTGFFSSPHLVQVRERI
 RINGKPISEPLFTKYFWHL YQLEEFKDDSHISMPYFRFLTLMFAHFVFLQEKVDLAVVEVGIGGAFDCT
 NIIRKPVVCGVSSLGIDHTSLLGDTVEKIAWQKGGIFKPGVPAFTVLQPEGPLAVLRDRAQQISCPLYLC
 PPLEALEQVGLPLSLGLEGEHQRHNAALALQLARCWLEQQNYHDIQELKASKPSIRWQLPLAPVFRPTPH
 MRRGLRDEWPGRTOVLQRGPVTWYLDGAHTTSSVQACVHWYCQSLERSRRTDGGHEVHILLFNSTGDRD
 SAALLKLLQPCHFDYAVFCPNVTEISSIGNADQNFVTLDQVLLRCLQHQQHWNCLAQKQASSNLWGSC
 GPESARPGSLLLAPHPPQPTSTSSLVFSCISHALQWISQGRDPIFQPESPPRNLLNHPTANS GASILREA
 AAIHVLVTGSLHLVGGALRLLDPSMSQ

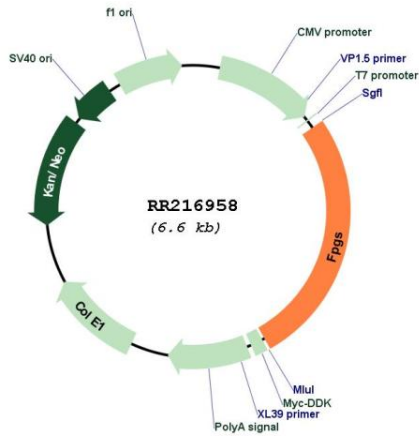
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Gene Summary: human homolog catalyzes an ATP-dependent ligation step in the synthesis of poly(gamma-glutamate) folate metabolites [RGD, Feb 2006]

Product images:



Circular map for RR216958