

Product datasheet for **MR208212**

Zgpat (NM_001048148) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zgpat (NM_001048148) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zgpat
Synonyms:	1500006I01Rik; BC021513
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR208212 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACGAGGACAACCTAGAGACTGCCCTGCAGACCTACCGGCCAGCTGCAGCAGGTAGAGCTGGCGC
 TCGGTGCTGGCCTAGACGCTTCTGAGCAGGCGGACCTGCGTCAGCTGCAGGGCGATCTAAAGGAGCTGAT
 TGAGCTCACCGAGGCCAGCCTGTTGTGCGTCCAGAAAGAGCAAGCTGCTGTCTACAGTGGACCAGGAGAGC
 CCAGCTCAAGAGGATGCTGAGTACCTGGCTTCCAGAAGGCCATTGCGGAGGAAGTGAAGCGCCCGCGC
 CCCCCTGCAATGACTCGGAGACGGCCCCTGGGAGCGAGGTGCAGCCGGGATCCACCTCCTCTGCACTGGA
 GGAGGAGGAGGAGGCCAGATCTGGAGAACTGAGCGGTGCTAAAGTGAATGCCCCCTACTACAGCGCT
 TGGGGCACGCTGGAGTATCACACGCTATGGTAGTGGGCGCCGAAGAGCGGAGGATGGTTCTGCGTGCG
 TCCGAGTCTCTACCTATACCTACCCACAAGTCCCTGAAGCCCTGTCCGTTCTTCTGGAGGGAAAGTG
 CCGGTTCAAGGAGAACTGCAGGTTCTCCATGGCAGGTGGTATCTGTGGATGAGCTGCGTCCCTTTGAG
 GATCCAGACTTAAGCTTACTGCAGACTGGCTCTGCATGTCTGGCCAAGCACCAGGATGGCCTGTGGCACC
 CAGCACGGATCACTGATGTGGACAATGGCTACTATACCGTTAAGTTTGACTCATTGCTGTGAAGGAGGC
 TGTAGTGGAGGGGACAGCATCCTGCCTCCTCTGCGCACTGAGGCTACAGAGTCACTGACTCAGACACT
 GGTGATGCAAGTACTCCAGCTATGCCAGAGTGGTGAACCAAGCACGGTGGACACTGGGACCTGCAGTT
 CTGCCTTTGCTGGCTGGGAGGTACACACACGGGGCATTGGCTCCAAACTCCTCGTCAAGATGGGCTATGA
 GTTTGGCAAGGGTTTGGCCGGCATGCAGAAGGCCGGTGGAGCCCATCCATGCTGTAGTGTTCCTAGA
 GGGAAATCACTGGACAGTGTGCAGAGATACTGCAGAAGAAGACAAGCGAGGCCAGGCTGGTCCAACA
 GGCTCCAAAATGCCGGAGGAGTGGTAGACTGAGGGCCGCCACCCCGGAATGTGTTTACTT
 TTTGAATGAAAAACTGCAAAGCCAGTTCTTGGGACCCAGATGCTGGGGTGGATACCCAGAGAGAAGG
 AACAAAGACATGTATCACGCCAGCAAGAGCGCCAAGCAGGCTTTGAGCCTGCAGCTCTTCCAGACTGAGG
 AGAAGATTGAGCGGACCAACGGGACATCCGGGCATCCAGGAGGCCCTAACCCGGAACACTGGCCGGCA
 CAATATGACGACAGCCCATCTGCAGGAGAAGCTGGAGGGAGCCAGCGGCAGCTGGGTGAGTGCCTGCT
 CAGGAGGCTGACCTACAGAGGAAACAGCGGAAGGCAGACACTCACAGGAAGATGACAGAGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208212 protein sequence
 Red=Cloning site Green=Tags(s)

MDEDNLETALQTYRAQLQQVELALGAGLDASEQADLRQLQGDLKELIELTEASLLSVRKSLLSTVDQES
 PAQEDAELYLAFQKAIIEEVEAPGAPCNDSETAPGSEVQPGSTSSALEEEEEEDPDLEELSGAKVNAPYYSA
 WGTLEYHNAMVVGAEAEEDGSACVRVLYLYPTHKSLKPCPFLELGKCRFKENCRF SHGQVVSDEL RPFQ
 DPDL SLLQTSACLAKHQDGLWHPARITDVDNGYYTVKFD SLLLKEAVVEGDSILPPLRTEATESSDST
 GDASDSSYARVVEPSTVDTGTCSAFAWEVHTRGIGSKLLVKMGYEFKGLGRHAEGRVEPIHAVVLP
 GKSLDQCAEILQKTKRQAGSNRPPKRRSGSRPEGRPPPRNVDFLNEKLQSQVPGTPDAGVDPERR
 NKDMYHASKSAKQALSLQLFQTEEKIERTQRDIRGIQEALTRNTGRHNMTTAHLQEKLEGAQRQLGQLRA
 QEADLQRKQRKADTHRKMTEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

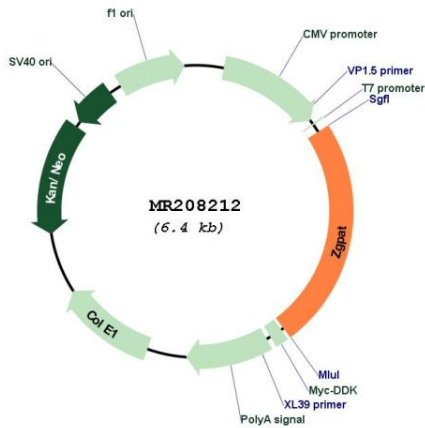
Restriction Sites:

Sgfl-Mlul

MW: 56.4 kDa

Gene Summary: Transcription repressor that specifically binds the 5'-GGAG[GA]A[GA]A-3' consensus sequence. Represses transcription by recruiting the chromatin multiprotein complex NuRD to target promoters. Negatively regulates expression of EGFR, a gene involved in cell proliferation, survival and migration. Its ability to repress genes of the EGFR pathway suggest it may act as a tumor suppressor (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208212