

Product datasheet for **MR210628**

Sp3 (NM_001098425) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Sp3 (NM_001098425) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Sp3 |
| Synonyms: | D130027J01Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide
Sequence:

>MR210628 representing NM_001098425
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCGCTCCCGAAAAGCCCGTGAACAAGAGGAAATGGCTGCCTTGGACGTGGACGGCGCGGAGGCG
 GCGGCGGCCACGGCGAGTATCTACAGCAGCAGCAGCAGCAACAGCAGCAGCACGGAAACGGCGCGCGGC
 GGCGGCGGCCCAGGACTCAGCCGTCACCGCTCGCTCTGCTGGCCGCTACCTGCAGCAAGATAGGGCCG
 CCATCGCCGGGCGACGACGACGAGGAGGCGGCCGTTGCCGCCCGCCGGGGTCCCCGCCCGCCGCCG
 GAGCGACAGGTGATTTGGCTTCTGCACAGTTAGGAGGAGCACAAACCGATGGGAGGTTTTGTGACGTAC
 ACCTACAATAAAAAGATGAAGCTGGTAACTAGTACAGATTCCAGGTGCTGCTACTTCAAGTGGGCGAG
 TATGTCCTTCCCCTTCAAGATTTGCAGAATCAACAAATATTTTCAGTTGCACCAGGATCAGATTCATCAA
 ATGGCACAGTGTCCAATGTTCAAGTAAACCACAAATTCAGTCAACAGACGCTCAGCAGGTTCA
 GATTGGCTTACAGGCTCCTCAGATAATGGGGCATAAATCAAGAAAACAGCCAAATTCAGATCATTCT
 GGCTCTAATCAAACCTTACTCGCCTCTGGAACCTCCTGCTAATATCCAGAATCTCATACCACAGACTG
 GTCAGTCCAGGTTCAAGGAGTTGCAATTGGTGGCTCATCATTTCTGGCCAAACTCAAGTAGTCGCTAA
 TGTGCCTCTTGGTCTGCCAGGAAATATTACCTTTGTACCAATCAATAGTGTGATCTAGATTCTTTGGGA
 CTCTCGGGAAGTTCTCAGACAATGACTGCAGGCATTAATGCCGATGGACATTTGATAAACACAGGACAAG
 CTATGGATAGTTCAGACAATTCAGAAAGGACTGGTGAGCGGGTTTCTCCTGATGTTAATGAAACTAATGC
 TGATACAGATTTATTTGTCCAACATCCTCTTCATCACAGTTGCCTGTTACAATAGATAGTACAGGTATA
 TTACAGCAAAACACAAATAGCTTGACTACTACTAGTGGCAAGTCCATTCTCAGATCTTCAGGGAAAT
 ATATCCAGTCGCCTGTTTCTGAAGAGACACAGGCTCAGAATATTCAGGTTTCTACAGCACAGCCTGTTGT
 ACAACATCTACAACCTCAAGATTCTCAGCAGCCAACCAGTCAAGCCCAAATTTGTGAAGGATTACACCA
 CAGACAATCCATGGCGTCAAGCCAGTGGTCAAAATATATCACAACAGGCTTTGCAAAACCTTCAGTTGC
 AGCTGAATCCTGGAACCTTTTTAATTCAGGCACAGACAGTGACCCCTTCTGGACAGATAACTGGCAAAAC
 ATTTCAAGTACAAGGGTCCAGAACTTACAGAATTTGCAATACAAAATACTGCTGCCCAACAAATTA
 TTGACGCCTGTTGACACTCACGCTTGGTCAAGTCGACGAGGTTGAGCCTTGACTTCAACTCCAGTCA
 GTCTAAGCACTGGTCAGTTGCCAAATCTACAGACAGTTACAGTAAATCTATAGATTCTACTGGCATA
 GCTACATCCAGGAGAGAATGCCGACAGTCTGCAGATATTAGGATCAAGGAAGAGGAACCTGACCCTGAA
 GAATGGCAGCTCAGTGGTACTCTACACTGAACACCAATGACCTAACACATTTACGAGTACAAGTGGTAG
 ATGAAGAAGGGGACCAACAACATCAAGAAGGAAAAAGACTTCGGAGGGTAGCTTGCACCTGTCCCAACTG
 TAAAGAAGGTGGTGGGAGAGTACCAATCTTGGGAAAAAGCAACACATTTGTCATATACCGGGATG
 GGTAAAGTCTATGGGAAGACCTCACATCTGAGAGCACACCTGCGTTGGCATTTCGGGGGAGCGCCCTTTA
 TTTGTAAGTGGATGTTCTGTGGTAAAAGATTTACACGAAGTGTGAATTACAGAGGCACAGAAGAACACA
 TACAGGTGAGAAGAAGTTTGTGTCCAGAATGTTCAAACGCTTTATGAGAAGTACCACCTTGCCAAA
 CATATTAACACATCAAATAAAAAAGTCATTCCTCTAGCAGTACAGTGTGCGATCTGTGGAAGCTG
 GAAGAGATGATGCCTTGATTACTGCAGGAGGAACAACACTTATCCTTGCAAAATTTCAACAGGGGTCTGT
 GTCAGGGATAGGAACTGTCAATACTTCTGCCACCAGCAATCAAGACATCCTTACCAACACTGAAATACCT
 TTACAGCTTGTCACAGTTTCTGGAATGAGACAATGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR210628 representing NM_001098425
 Red=Cloning site Green=Tags(s)

MTAPEKPVKQEEMAALDVGSGGGGGHGEYLQQQQQQQHGNGAAAAAQTQPSPLALLAATCSKIGP
 PSPGDDDEEA AVAAAAGV PAAAAGATGDLASAQLGGAPNRWEVL SATPTTIKDEAGNLVQIPGAATSSGQ
 YVLP LQNLQNLQIFSVAPGSDSSNGTVSNVQYQVIPQIQSTDAQQVQIGFTGSSDNGGINQENSQIQIIP
 GSNQTL LASGTPPANIQNLIPQTGQVQVQGV AIGGSSFPQTQVVANVPLGLPGNITFVPINSVDLDSL
 LSGSSQ TMTAGINADGHLINTGQAMDSSD NSERTGERVSPDVNETNADTDLFVPTSSSSQLPVTIDSTGI
 LQQNTNSLTTTSGQVHSSDLQGN YIQSPVSEETAQNIQVSTAQPVVQHLQLQDSQQPTSQAQIVQGITP
 QTIHG VQASGQNISQQALQNLQLQNLNPGTFLIQAQTVTPSGQITWQTFQVQGVQNLQNLQIQNTAAQQIT
 LTPVQTL TLGQVAAGGALTSTPVSLSTGQLPNLQTVTVNSIDSTGIQLHPGENADSPADIRIKEEPPDE
 EWQLSGDSTLNTNDLTHLRVQVVDEEGDQHQEGKRLRRVACTCPNCKEGGGRGNL GKKKQHICHIPGC
 GKVYVGTSHLRAHLRWHSGERPFCNWMFCGKRFTRSDQLQRHRTHTGEKKFVCPCKRFRMSDHLAK
 HIKTHQNKVVIHSSSTVLASVEAGRDDALITAGGTTLILANIQQGSVSGIGTVNTSATSNDILNTEIP
 LQLVTVSGNETME

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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 Size: 4100 bp

RefSeq ORF: 2151 bp

Locus ID: 20687

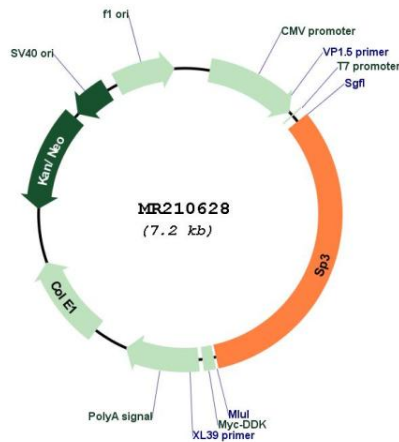
UniProt ID: [O70494](#)

Cytogenetics: 2 C3

MW: 76.1 kDa

Gene Summary: This gene product belongs to a family of Sp1 related transcription factors, which regulate transcription by binding to consensus GC- and GT-box regulatory elements in target genes. This protein contains a zinc finger DNA-binding domain and several transactivation domains, and has been reported to function as a bifunctional transcription factor that either stimulates or represses transcription of numerous genes. Alternative splicing results in transcript variants encoding different isoforms, and one variant initiates translation from a non-AUG (AUA) codon. [provided by RefSeq, Jul 2008]

Product images:



Circular map for MR210628