

Product datasheet for **MG218172**

Spata3 (NM_027300) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spata3 (NM_027300) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Spata3
Synonyms: 1700011N12Rik; 1700029H01Rik; 4930424D10Rik; Mtsarg1; Tsarg1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG218172 representing NM_027300
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGAAGGTCAAAAAGAAAAGTCTGATTCCAGGCGCCGAGGAATTCATTTACCGCAGACTAGCT
CCGATTCTCACAGCAGCCAGCTCAGAAACCCCGCCGTCATGTCCAGAGCCCGCTCGCCACCATCTAA
GCCACAGCCTTGCCAGGAGTCCACCACACCACCAAGTTAACCTGAGCCTAACCGCAACAGCATACA
CCACAGCCTCTCCCGCTCCAGAGAAACCTGCCTCATCTCGTTCCTGGTACCCATGGAACCTAAACCAA
TTCTTCCAAGCAGGAAAGCAGCAGTGCCTCTGACCTATGTGGCCACGCTCCTGCTCCTGTGCAGCCTG
CCCGGGCAGCTCCGCTTGTGGCATCGTCTGGGCTTTGCCATAGCCGAATCTTTGATGTCTCCTACCT
CGGGACTGGTCATCCATGCCAGGAGAGGAGTCCCAAACCTTCTACCTTCTACAGAAAACCGTCAAGGA
AGTACTGCGCTCCCGTAACTCTCGTGCTTCAAGCTCTCGGAAGTGTGCTGTGGCTCTGGGGCCTTGG
GAGTTGCCTACTTCATGGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG218172 representing NM_027300
Red=Cloning site Green=Tags(s)

MKKVKKKSDSRRRRNSISPQTSSDSSQQPSSETPPSCPEPASPPSKPQPCQESTTPHQVNPEPKPQQHT
PQPLPPEKPASSPFLVPMPEPKILPSRKAAPLTYVAPRSCSACPGSSACWHRLGLCHSRIFDVLLP
RDWSSMPGRGVPNLLTFYRKPSRKYCAPRNSRASSRNCCCGSGLGSCLLHG

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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_027300.4](#)

RefSeq Size: 1107 bp

RefSeq ORF: 582 bp

Locus ID: 70060

UniProt ID: [Q9D9T6](#)

Cytogenetics: 1 C5