

## Product datasheet for **MG213482**

### Spata32 (NM\_177801) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Spata32 (NM\_177801) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Spata32  
**Synonyms:** 4933400C05Rik; VAD1.2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG213482 representing NM\_177801  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGGGTGACAGGTATCAGTACATTTCCCTGCTGCGGCAAGGATTCAGTGGACATTGTGGAAAGACAGA  
GTGACCACCACCGCCACCACCACCATCACCCATGAAGAAAACGAGGATGAAGATACAGAGGTAGAAGC  
AGAGTTACCAAGGACAGAGCCCCACCAAAGTGGACCCAGAGCTAGGTCCAGTACCACAGCTGGAGGAG  
ATGGAGCCAGAATTACCCTCTAAAACACGCCGAGACTGAAGGAGACAGCTACACTGAAAGCCCGGAGC  
AGCAGAACTACAGGATGGAATCCCTCAAGCCCTATGAAGAGGAGGAGATGGCGGCCGGTATCGCTCCAT  
CCCTGTGCAGACCTCTAAACATCTTTCTGGTCAAACAAGCTCATCCAGGCGTCGGAGCAGACTACAG  
AAGGCCTTAGAAAAGCATCACAGGAGCCCCAGGAGAAGTCCATCTCCATATCCCAGGTCTACACAGAAT  
GTACCAACCACCATCCAGCCCCCAGTGTCTCGCCCCACCACGCCACAGCCATTGGCCTAGCCGATCT  
GATCAACTTCGCATCGTCTCTGGCTGTAGCCTCCTCCAGCAACATGGCCTTGCTAACTTAGAGAACATG  
ATCAAAGGAACATCTGAGAAGTCCCAGAATACCTTTAGACTTCTGTGAGCCTGTCCAGGCCATCAAGT  
TTGCCCAGGCTACCCAGATCACCCAGATATCCTCAGAGAAGCAAGATGAGTCCCCAAAAGCATGGCTCA  
CAAATCTTGGACTCGGGAACCAGGAATGTAGCTTGTCTTACCTGGATATTAACCAGGCAGGGCTCAAG  
ACAGCTACCATCCAAGGGGAAGTGAAGTTGTCCAGACCAATCGCATCCCCTCAGCTTCAGGAAGCCA  
AAGAGGACTCGGTGCCGGGAACCAAGAAAGGGAATCCATTATTGCTGAAAATCCATTTAAAGCTGTATC  
CCCTCAGCCCCAGAGAAATGAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG213482 representing NM\_177801  
 Red=Cloning site Green=Tags(s)

MGVTGISTFPCCGKSDIVERQSDHRRHHHHHTHEENEDEDTEVEAELPRTEPPPKVDPELGPVPQLEE  
 MEPELPSKTTPETEGDSYTESPEQQNYRMESLKPYYYYEEMGGRYRSIPVQTSKHLFWSNKLIQASEHSLQ  
 KALEKHHRSPQEKISISQVYTECTQPPSSPPVSRPTTPTAIGLADLINFASLAVASSNMALPNLENM  
 IKGTSEKSQNTSLDFCQPVQAIFKAQATQITQISSEKQDESPKSMHKSWTRETNRVACSYLDINQAGLK  
 TATIQGEVVKFVQTPIASPQLQEAKEDSVPGTKKGNPLLLKIHFKLSSPQPQRND

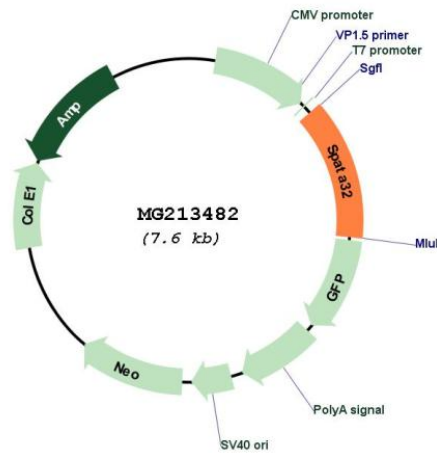
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_177801

**ORF Size:** 1002 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_177801.3</a> , <a href="#">NP_808469.1</a>
<b>RefSeq Size:</b>	1112 bp
<b>RefSeq ORF:</b>	1005 bp
<b>Locus ID:</b>	328019
<b>UniProt ID:</b>	<a href="#">Q8C5V0</a>
<b>Cytogenetics:</b>	11 E1