

Product datasheet for **MG205912**

Tspyl1 (NM_009433) Mouse Tagged ORF Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Tspyl1 (NM_009433) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Tspyl1 |
| Synonyms: | Tspyl |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >MG205912 representing NM_009433 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCAGCCCGGAGCGGGACGAGGGGACCCCTGTCCCCGACAGCCGCGGCCACTGCGATGCTGACACTG
TCTCGGGACCCAGACCGGGACCGCTGCTCGGCGAGGAGAAGGCGGTGACAGGTGAGGGCCGCGCAGG
GATCGTGGGAGCCCGGCCCGAGATGTCGAGGGCCTTGTCCCCAGATTCGGGTGGCCGAGCTAGG
CAGGGAGAGTCACCTCCTCCGTTCCGGGCCCGCGGCAGCGGTTCGTGACACCGAAATATGTGGAGA
AGGCCCAAGAACTCGGGGAGCGGAGTCCAGGCCGTGACGTGAAGACGGAACCGGCACCGTCCGCGC
TGCAGCGAAAAGTCAGAAGTGGCCACGCCAGGGAGCGAGGAGGTGATGGAGGTGGAGCAGAAGCCCGC
GGCAAGAAATGGAGATGCTGGAGGCGAGTGGAGGAGTGAAGGAGCGCCGGAGGAGGCAGGGCCCTGGC
ACCTGGGCATAGATCTTCGACAGGAACCCGCTGGAGGCCATCCAGCTGGAAGTGGACACTGTGAATGCTCA
GGCCGACAGGGCCTTCCAACATCTGGAGCAGAAGTTGGGCGAATGCGACGACACTACCTGGAACGGAGG
AACTACATCATTGAGAAATATCCAGGCTTCTGGATGACTGCCTCCGGAACACCCTCAGTTGTCCGCCA
TGATTAGGGTTCGGATGCAGAGATGTTAAGGTACGTAACCAAGTCTGGAGGTGAAGAACTGAGACACCC
TAAGACTGGCTGCAAATCAAGTCTTTTTTCGAAGAAACCCCTACTTCAGAAACAAGCTGATTGTCAAG
GAATATGAAGTGAATCATCTGGTGCAGTGGTGTCTCTTCCACTCCAATCATTGGCGGAGAGGGCATG
AGCCCCAGTCTTCATTGCGAGAAACCAAGATCTCATTGCGAGCTTCTCACCTGGTTCTCGGACCACAG
CCTTCCAGAATCTGACAGAATCGCTGAGATTATCAAAGAGGATCTGTGGCCAAACCCACTGCAATACTAC
CTGTGTCGTGAAGGAATCCGTAGACCCCGACGTCGCCCAATAAGGGAGCCAGTGGAGATTCCAGGCCTT
TTGGCTCCAGTCAGGT

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205912 representing NM_009433
 Red=Cloning site Green=Tags(s)

MSSPERDEGTPVPDSRGHCDADTVSGTPDRRPLLGEKAVTGEGRAGIVGSPAPRDVEGLVPQIRVAAAR
 QGESPPSVRGPAAAVFVTPKYVEKAQETRGAESQARDVKTEPGTVAAAAEKSEVATPGSEEVMEVEQKPA
 GEEMEMLEASGGVREAPEEAGPWHLGIDLRRNPLEAIQLELDTVNAQADRAFQHLEQKFGMRMRHYLERR
 NYIIQNIPIPGFWMTAFRNHPQLSAMIRGRDAEMLRVYVTSLEVKELRHPKGTGCKFKFFRRNPYFRNKLIK
 EYEVRSRGRVSLSTPIIWRRGHEPQSFIRRNQDLICSFFTWFSDHSLPESDRIAEI IKEDLWPNPLQYY
 LCREGIRPRRRPIREPVEIPRPFQSG

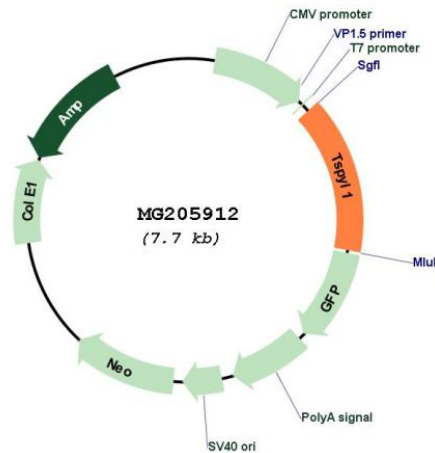
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_009433

| | |
|-------------------------------|---|
| ORF Size: | 1137 bp |
| OTI Disclaimer: | 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. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| Components: | 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). |
| Reconstitution Method: | <ol style="list-style-type: none">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_009433.3 |
| RefSeq Size: | 2670 bp |
| RefSeq ORF: | 1140 bp |
| Locus ID: | 22110 |
| UniProt ID: | O88852 |
| Cytogenetics: | 10 B1 |