

Product datasheet for MR204654

Tspyl3 (NM_198617) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tspyl3 (NM_198617) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Tspyl3
 Synonyms: AW212607; Gm36
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR204654 representing NM_198617
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGTGGGAGGGGATCGGGTCTGGAGGCGACCATGTGCCTGCCGCCATACAAGAGCGGGATGCAC
 ACCCGGCCGGCCCGTGTCCCCGAGCTGAGCCGCTTAGGCCCTGCAACCCCGCAGCCAGCCCTGCAAC
 CGCACCCTTCTCAGAAAACACTGGAGAGAACTCTGCCTCCCGCTTCTGAACCTGGATGGCTGCGAG
 AAGGGCTCGGGTAAATGGGTGGGACCAAAGAAAGACTGAGGAAGTACGACTGAGGAAGACTCTGTAG
 CCGCGGAGGAGCCTGCGGAGGTGGGGAGAAGCTGGAGTGGTTCGCGGAAGCCCAGGAGCCTGAGGCC
 TCTGGACCTCAGGGCTCTTATCGTGGACCTCTAGAGGCCATCCAGTGGGAGTTAGAGGCCATGAGTGCC
 CAGGCGGATGGGGCCACCTGCAGCTGGTGCAGGTTTGGGAGGATGCGTTCGGTTGCACCTAGCCCGTA
 GGAGCTTCATCATTCAAATATTCAGGCTTTGGGTCACTGCCTTCTGAACCCACAGCTATCAGC
 TATGATCAGCCCTAGGGATGAAGACATGCTTGGCTACCTGATGAATTTGGAGGTGAGGGAGCTCAGGCAC
 TCCAGAACAGGTTGCAAGTTCAAGTTCTGTTTGGAGAGCAACCCCTACTTCCGAAATGAGGTGATAGTGA
 AGGAGTATGAGTGCAGAGCCTCAGGCGGTGTGGTGTCCATTGCTACTCGCATCCTCTGGCACCAGGCCA
 GGAACCTCCTGCCTTGGTGCACAGGAACCGGATGCCGTGCGAAGCTTCTCAGCTGGTTTTACAGCAT
 AGCCTCCTAGAAGCTGACAGGGTGGCCAGATCATTAAGATGACCTGTGGCCCAACCCCTTGAATACT
 ACTTGCTGGGGCAAAGGCCCTACAGAGCTAGACGAAGCCTTGAAGGTGGTCAGCAGAGGCTCGGCCAAG
 GCCTATGGGTTCCAGTCTGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204654 representing NM_198617
Red=Cloning site Green=Tags(s)

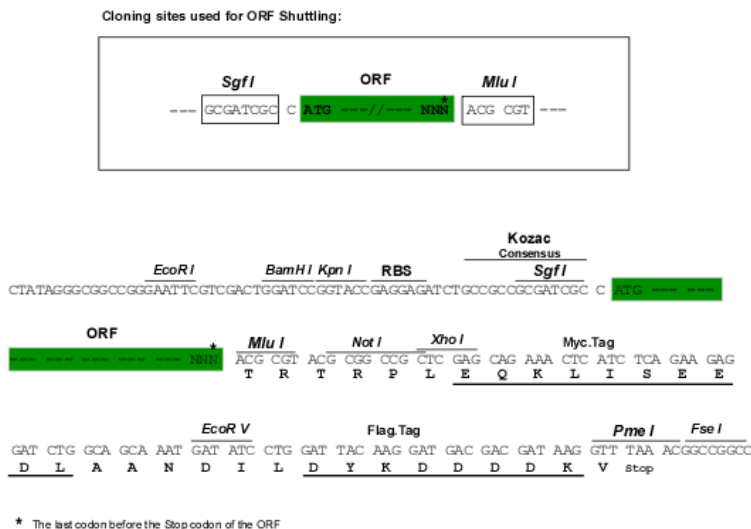
MAWEGIGVLEATMCLPPIQERDAHPARPRVPGAELRPCNPAASPATAPPSSSENTGENSASRVLNLDGCE
 KGSGNGVGTGKTEEVTTEDSVAAEPAEVGEKLEWVAEAQESLRPLDLRALIVDPLEAIQWELEAMSA
 QADGAHLQLVRRFGMRRLHLARRSFIIQNIPIGFVWTAFLNHPQLSAMI SPRDEMLGYLMNLEVREL RH
 SRTGCKFKFLFESNPYFRNEVIVKEYECRASGGVVSIATRILWHRGQEPALVHRNRDAVRSFFSWFSQH
 SLLEADRVAQIIKDDLWPNPLQYYLLGQRPYRARRSLARWSAEARPRPYGFQSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9082_e04.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_198617

ORF Size: 1002 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:

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_198617.2](#), [NP_941019.2](#)

RefSeq Size: 3087 bp

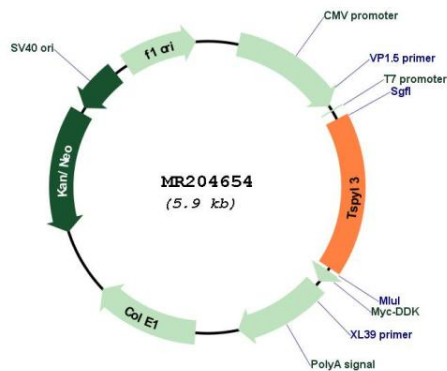
RefSeq ORF: 1005 bp

Locus ID: 241732

Cytogenetics: 2 H1

MW: 37.6 kDa

Product images:



Circular map for MR204654