

Product datasheet for MR222153

Tns1 (NM_027884) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tns1 (NM_027884) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tns1
Synonyms: 1110018I21Rik; 1200014E20Rik; AI648117; E030018G17Rik; E030037J05Rik; Tns
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR222153 representing NM_027884
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCTGCACCGTGAGCCTGGTGTGCTGCGAGGCGCTCGAGCCTCTGCCCTCCTGCGGCCCGAGCCCC
 CCGGGACTCCGCCGGGCCCGCGCGGCCCGAGCGCTGTGAGCCCGGGGTGCGGCCCGGACCCGAGGAG
 GCGGCTGTGCTTCAGCCAGAAGACCTGGAGGCCCAAGACCCACCCTCAAGGTGAAGGCCTTCAAG
 AAGGTGAAGCCCTGTGGCATCTGCCGCGAGCCATCACTCGGGAAGGCTGTGTTTGCAAAGTCTGCAGT
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 GCCCATCACACAGAGACCGTACCCAAGAATGTAGTAGATGTGGGGGAAGGAGACTGCCGGTGGAAAGT
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GGGCCCAGCGTATCTGTAGACTATAA CACTTCTGACCCCCCTCATCCGCTGGGACTCCTATGACA ACTTCA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence:

>MR222153 representing NM_027884
 Red=Cloning site Green=Tags(s)

MGCTVSLVCCAELEPLPSCGPQPPGTPPGPARPERCEPFGAAPPDRRRLLQPEDLEAPKTHHFVKVAFK
 KVKPCGICRQAITREGCVCKVCSFSCHRKCQAKVAAPCVPPSSHELVPITTETVPKNVVDVGECDRVS
 SPKNLEEGSMRVSPSIQPPQSQPTSLSRNTSVSRAMEDSCELDLVYVTERIIAVSFPSTANEENFRSN
 LREVAQMLKSKHGGNYLLFNLSEQRPDITKLHAKVLEFGWPDLHTPALEKICSVCKAMDTWLNADPHNV
 VLHNKGNRGRIGVIAAYLHYSNISASADQALDRFAMKRFYEDKIVPIGQPSQRRYVHYFSGLLSGSIKM
 NNKPLFLHHVIMHGIPNFESKGGCRPFLRIYQAMQPVYTSGIYNIPIGDSQASICITIEPGLLLKGDILLK
 CYHKKFRSPARDVIFRVQFHTCAIHDLVVVFGEKEDLDEAFKDDRFDPYGVFVFSYGPEKIQGMEHLEN
 GPSVSVDYNTSDPLIRWDSYDNFSGHREDGMEEVVGHTQGPLDGSLYAKVKKKDSLNGSSGPVTTARPAL
 SATPNHVEHTLSVSSDSGNSTASTKTDKTDPEVSGATTAPAALSPQEKELDRLLSGFGVDREKQGMRY
 AQLRSHPPGGPTVPSGRHIVPAQVHVNGGALASERETDILDDELPIQDQSGGSMGTLSSLDGVTNTS
 ESGYPETLSPLTNGLDKPYSTEPVLNNGGYPYEAANRIPVHSSHSAIRPSYSAQEGLAGYQREGPHPA
 WSQQVTSAHCGCDPSGLFRSQSPDVEPQLPQAPTRGSSREAVQRGLNSWQQQPHPPRQERSPLQS
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 HSVARSPPGLAKTPLSALGLKPHNPADILLHPTGVARRLIQPEEDEGEEVTKPPEEPRSYVESVARTAVA
 GPRAQDVEPKSFAPAHAHAYGHETPLRNGTPGGSFVSPSPLSTSSPILSADSTSVGSFSPVSSDQGPRT
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 GRHPVGSQVPLHSSVVTTPGSPSLGRHPGAHQGNLASSLHNSNAVISPSPSLGRHLGGSGSVVPGSPS
 LDRHAAYGGYSTPEDRRPTLSRQSSASGYQAPSTPSFPVSPAYYGLSSPATSPSPDSAAFRQGSPTPAL
 PEKRRMSVGDRAKSLPNYATINGKVSSSPVANGMASGSSTVSFSHTLPDFSKYSMPDNPETRAKVKFVQ
 DTSKYWYKPEISREQAIALLKDQEPGAFIIRDSHSFRGAYGLAMKVSSPPPTITQQGKKGDMTHELVRHF
 LIETGPRGVKLGCPNEPNFGSLSALVYQHSVIPLALPCKLVIPSRDPTDESKDSSGPANSTTDLLKQGA
 ACNVLFVNSVDMESLTGQQAISKATSETLAADPTPAATIVHFKVSAQGITLTDNQKRLFFRRHYPLNTVT
 FCDLDPQERKWMKTEGGAPAKLFGFVARKQGSTTDNACHLFAELDPNQPASAIVNFVSKVMLSAGQKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9041_g03.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_027884

ORF Size: 5664 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:

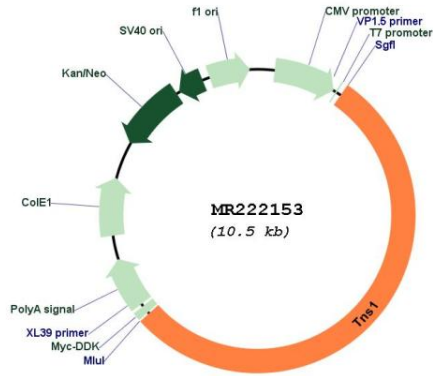
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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_027884.4](#)

RefSeq Size: 9966 bp

RefSeq ORF: 5667 bp
 Locus ID: 21961
 Cytogenetics: 1 38.17 cM
 MW: 201.8 kDa

Product images:



Circular map for MR222153