

Product datasheet for MR231887

Tns1 (NM_001289895) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tns1 (NM_001289895) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tns1
Synonyms: 1110018I21Rik; 1200014E20Rik; AI648117; E030018G17Rik; E030037J05Rik; Tns
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR231887 representing NM_001289895
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGGATCGCC

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 CCGGGACTCCGCCGGGCCCGCGCGGCCCGAGCGCTGTGAGCCCGGGGTGCGGCCCGACCCGAGGAG
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 GCCCATCACACAGAGACCGTACCCAAGAATGTAGTAGATGTGGGGGAAGGAGACTGCCGGTTGGAAGT
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 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

>MR231887 representing NM_001289895
 Red=Cloning site Green=Tags(s)

MGCTVSLVCEALEPLPSCGPQPPGTPPGPARPERCEPAAAPDRRRLLLPEDLEAPKTHHFVKVAFK
 KVKPCGICRQAITREGCVCKVCSFSCHRKCQAKVAAPCVPPSSHELVPITTTETVPKNVVDVGECDRCVGS
 SPKNLEEGSMRVSPSIQPQSQPTSLSRNTSVSRAMEDSCELDLVYVTERIIAVSFPSTANEENFRSN
 LREVAQMLKSKHGGNYLLFNLSEQRPDITKLHAKVLEFGWPDLHTPALEKICSVCKAMDTWLNADPHNVV
 VLHNKGNRGRIGVIAAYLHYSNISASADQALDRFAMKRFYEDKIVPIGQPSQRRYVHYFSGLLSGSIKM
 NNKPLFLHHVIMHGIPNFESKGGCRPFLRIYQAMQPVYTSGIYNIPGDSQASICITIEPGLLLKGDILLK
 CYHKKFRSPARDVIFRVQFHTCAIHDLVVFGKEDLDEAFKDDRFDPYGVFVFSYGPEKIQGMEHLEN
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 AQLRSHPGGGTPVSPGRHIVPAQVHVNNGALASERETDILDDELPIQDQSGGSMGTLSSLDGVTNTS
 ESGYPETLSPLTNGLDKPYSTEPVLNNGGYPYEAANRIVVHSSHSAIRPSYSAQEGLAGYQREGPHPA
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 RAVNPTMAAPGSPSLSHRQVMGSPGPFHGNVVSHPASAATTPGSPSLGRHPVGSHPVGLHSSVVTP
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 NGKVSSSPVANGMASGSSTVSFSHTLPDFSKYSMPDNPETRAKVKFVQDTSKYWYKPEISREQAIALLK
 DQEPGAFIIRDSHSFRGAYGLAMKVSSPPPTITQQGKKGDMTHELVHRHFLIETGPRGVKLGCPNEPNFG
 SLSALVYQHSVIPLALPCKLVIPSRDPTDESKDSSGPANSTTDLKQGAACNVLFVNSVDMESLTGPQAI
 SKATSETLAADPTPAATIVHFVSAQGITLTDNQKLFRRHYPLNTVTFCDLDPQERKWMKTEGGAPAK
 LFGFVARKQGSTTDNACHLFAELDPNPASAIVNFVSKVMLSAGQKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

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_001289895.2
RefSeq Size:	9905 bp
RefSeq ORF:	5604 bp
Locus ID:	21961
Cytogenetics:	1 38.17 cM
MW:	199.4 kDa