

Product datasheet for RR212212

Tsn (NM_021762) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tsn (NM_021762) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tsn
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR212212 representing NM_021762
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGTCTGTGAGCGAGATCTTCGTGGAGCTGCAGGGCTTTTGGCTGCCGAGCAGGACATCCGAGAGGAAA
TACGAAAAGTTGTCAGAGTTTAGAACAACTGCTCGAGAGATTTGACCTTACTCCAAGGGTCCATCA
GGGCACTGGGTTTCAGGACATTCCAAGAGGTGCTTGAAAGCTCGAGAACATTTGGCACGGTAAAAACA
CATCTAACATCCCTGAAGACCAAGTTCCCTGCTGAACAGTATTACAGTTTCATGAGCACTGGAGGTTTG
TGCTTCAGCGCCTGGTCTTCTGGCGGCTTTGTAGTGTATTTGAAACAGAGACTCTGGTGACCCGAGA
GGCTGTTACAGAGATTCTTGGCATTGAACCGGATCGGGAAAAAGGGTTTCATCTGGATGTGGAAGATTAT
CTCTCAGGAGTTTGTATTCTTGCCAGTGAAGTGTCCAGGCTGTCTGTCAACAGTGTCACTGCTGGAGATT
ACTCCCGGCCCTTACATCTCTACTTTTCAATCAATGAGTTGGATTGAGTTTTCGCCTTCTCAATCTGAA
AAAGACTCCCTGAGGAAACGCTACGACGGCTTAAAGTATGATGTGAAGAAAGTAGAGGAGGTGGTCTAT
GACCTTCCATCCGAGGCTTCAATAAGGAGACAGCAGCGGCTTGTGGTAAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR212212 representing NM_021762
Red=Cloning site Green=Tags(s)

MSVSEIFVELQGFLLAAEQDIREEIRKVVQSLEQTAREILTLLQGVHQGTGFQDIPKRCLKAREHFGTVKT
HLTSLKTKFPAEQYRFHEHWRFLQRLVFLAAFVVYLETETLVTREAVTEILGIEPDREKGFHLDVEDY
LSGVLILASELSRLSVNSVTAGDYSRPLHISTFINELDSGFRLNLKNDLSLRKRYDGLKYDVKKVEEVVY
DLSIRGFNKETAACGEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



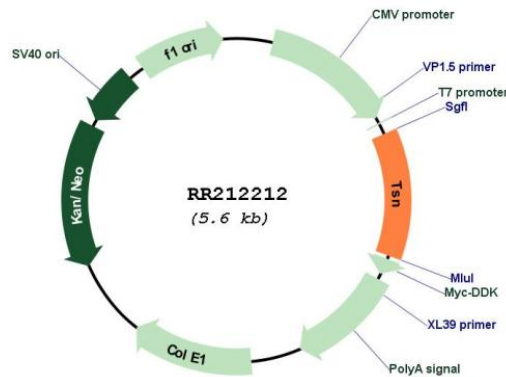
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_021762

ORF Size: 684 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:	<u>NM_021762.1, NP_068530.1</u>
RefSeq Size:	988 bp
RefSeq ORF:	687 bp
Locus ID:	60381
Cytogenetics:	13q11
MW:	26.2 kDa
Gene Summary:	interacts with the GS1 strand-specific DNA binding complex [RGD, Feb 2006]