

Product datasheet for **RR212268**

Nr2e1 (NM_001113197) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nr2e1 (NM_001113197) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Nr2e1
Synonyms: TLX
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR212268 representing NM_001113197
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGAGCAAGCCGGCCGGATCAACAAGCCGCATTTAGATATCCCTTGCAAAGTGTGTGGTGACCGCAGCT
 CCCGGAAGCACTACGGCGTCTACGCTTTCGACGGCTGCTCTGGATTCTTCAAAGGAGCATCCGAAGGAA
 TAGGACCTATGTCTGCAAGTCTGGAAACCAGGGAGGATGCCCGTAGACAAGACACACAGAAACCACTGC
 AGGGCGTGTGCGACTGAAGAAGTGTGGAAAGTCAACATGAACAAAGGCGCGTGCAGCAGCAGCGGGGCC
 CTCGGACGTCCACCATCCGCAACAGGTGGCCCTCTACTTCCGTGGGCACAAGGAAGACAACGGGGCGGC
 TGCGCACTTCCCTCCGACGCGCTGCCAGCCCCGCTTCTTACAGCGGTACGCAGCTGGAGCCGCAC
 GGTCTGGAGTTGACCGCTGTGTCTGCCACCCCTGAACGGCAGACTCTCGTGAGCCTGGCTCAGCCACGC
 CCAAGTATCCCATGAAGTGAACGGGACCCCAATGTATCTCTATGAAGTGGCCACCGAGTCCGTGTGCGA
 ATCAGCAGCCAGACTTCTTTCATGAGCATCAAGTGGCAAAGAGTGTGCCAGCCTTTTCCACGTTGTCT
 TTGCAAGATCAGCTGATGCTTTTGAAGACGCGTGGAGAGAAGTGTGTTCTAGGAATAGCAACAATGGG
 CCATTCGGTTGATGCTAACACACTACTGGCTGTATCTGGCATGAATAGTGATAACACAGACTCCAGAA
 GCTGAACAAGATCATATCTGAAATACAGGCCTTGCAGGAGGTGGTGGCTCGATTACAGACAGCTCCGATTA
 GACGCCACTGAATTTGCCTGTCTGAAATGCACTGTTACTTTTAAAGCCGTTCTACCCACAGTGGCTCTG
 AACTGAGAAGTTTCCGGAATGCTGCCGCCATTGCCGCTCTCAAGATGAAGCCAGCTGACTCTCAACAG
 CTACATTCATACGAGATACCCACCCAACCCCTGCCGATTGGGAAACTCCTGTTGCTTTTACCAGCTTTA
 CGGTCGATTAGCCCATCCACCATAGAAGAAGTGTTTTTCAAAAAAACCATCGGCAACGTGCCGATAACGA
 GACTGCTTTCAGATATGTACAAATCCAGTGACATC

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

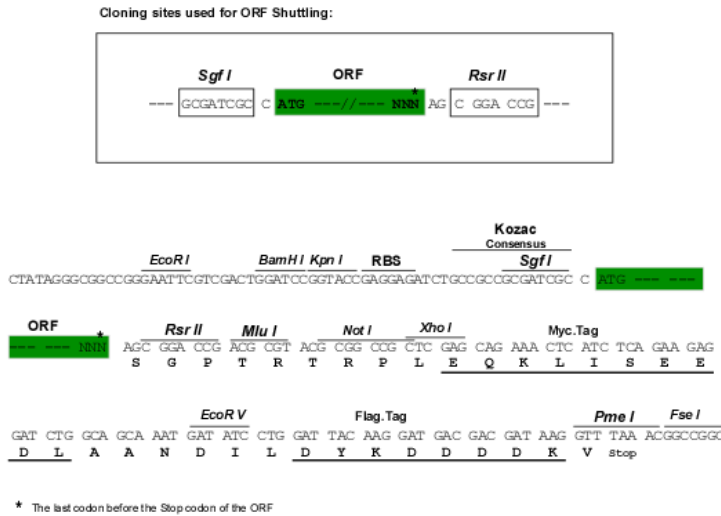
Protein Sequence: >RR212268 representing NM_001113197
 Red=Cloning site Green=Tags(s)

MSKPAGSTSRILDIPCKVCGDRSSRKHYGVYACDGC SGFFKRSIRRNRITYVCKSGNQGGCPVDKTHRNQC
 RACRLKKCLEVNMNKGAVQHERGPRTSTIRKQVALYFRGHKEDNGAAAHFPSAALPAPAFFTAVTQLEPH
 GLELTAVSATPERQTLVSLAQPTPKYPHEVNGTPMYLYEVATESVCESAARLLFMSIKWAKSVPAFSTLS
 LQDQLMLLEDAWRELFVLGIAQWAI PVDANTLLAVSGMNSDNTDSQKLNKII SEIQALQE VVARFRQLRL
 DATEFACLKCTVTFKAVPTHSGSELRSFRNAAAIAALQDEAQLTLNSYIHTRYPTQPCRF GKLLLLLLPAL
 RSISPSTIEEVFFKKTIGNVPITRLLSDMYKSSDI

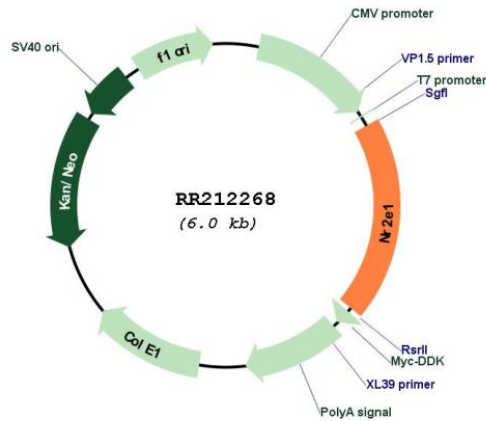
SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001113197

ORF Size:	1155 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_001113197.1 , NP_001106668.1
RefSeq Size:	1158 bp
RefSeq ORF:	1158 bp
Locus ID:	684085
Cytogenetics:	20q13
MW:	42.6 kDa