

Product datasheet for **RR215604**

Tsg101 (NM_181628) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tsg101 (NM_181628) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tsg101
Synonyms:	Rw
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR215604 representing NM_181628 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGTGTCCGAGAGTCAGCTGAAGAAGATGATGTCCAAGTACAAATACAGAGATCTAACCGTCCGTC
AAACTGTCAATGTCATCGCTATGTACAAAGATCTCAAACCTGATTGGATTGATGTTTTAATGATGG
CAGTTCAGGGAGCTGGTGAACCTCACTGGGACAATCCCTGTGCGCTATCGAGGTAATATATATAACATT
CCAATATGCCTGTGGCTCCTGGACACATACCCATATAACCCCTATCTGTTTTGTTAAGCTACTAGTT
CAATGACTATTAACAGGAAAGCATGTGGATGCAAAATGGGAAAACTACCTGCCTTACCTACATGACTG
GAAACACCCACGGTCAGAGTTGCTGGAACCTTATTCAGATCATGATTGTGATATTTGGCGAGGAGCCTCCA
GTGTTCTCCCGACCTACCGTTTCTGCATCCTACCCACCGTACACAGCAGCAGGGCCACCAACACCTCCT
ACTTGCCAAGCATGCCAAGTGAATCTCTGCATATCCATCTGGATACCCCTCCAACCCAGTGGTTATCC
TGGCTGTCCTTACCCACCTGCTGGCCATACCCCTGCCACAACAAGCTCACAGTACCCTTCCAGCCTCCT
GTGACCACTGCTGGTCCCAGCAGAGATGGCACAATCAGCGAGGACACTATTCGAGCATCTCATCTCAG
CAGTCAGTGACAACTGAGATGGCGGATGAAGGAGGAAATGGATGGTGCCAGGCAGAGCTTAATGCCTT
GAAACGGACAGAGGAAGATCTAAAAAAGGCCACCAGAACTGGAAGAGATGGTACCCGCTTAGATCAG
GAAGTAGCTGAAGTTGATAAAAAATAGAACTATTGAAAAAGAAGGATGAAGAACTAAGTTCTGCTCTGG
AGAAAAATGAAAAATCAATCTGAAAAATGATATTGATGAAGTTATCATTCCACAGCCCCATTGTATAA
ACAGATTCTAAATCTGTATGCAGAGGAAAAATGCTATTGAAGACACTATCTTTTACCTGGAGAAGCCTTG
AGGCGGGGAGTAATAGACCTGGATGTGTTCTGAAGCACGTCCGCTCCTGTCCCGTAAACAGTTCCAGC
TAAGGGCACTAATGCAAAAAGCAAGAAAGACTGCGGGCCTTAGTGACCTCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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ORF Size:	1173 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_181628.2 , NP_853659.2
RefSeq Size:	1490 bp
RefSeq ORF:	1176 bp
Locus ID:	292925
UniProt ID:	Q6IRE4
Cytogenetics:	1q22
MW:	44.1 kDa
Gene Summary:	forms a transactivation complex with apoptosis-antagonizing transcription factor (AATF); regulates monoubiquitination of the androgen receptor [RGD, Feb 2006]