

Product datasheet for RR204212

Tbpl1 (NM_001127201) Rat Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

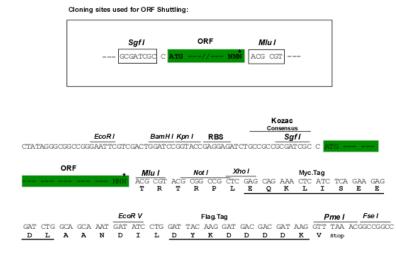
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Product Type:	Expression Plasmids
Product Name:	Tbpl1 (NM_001127201) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tbpl1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	<pre>>RR204212 representing NM_001127201 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGGATGCAGACAGTGATGTTGCATTGGACATTTTAATTACAAATGTAGTCTGTGTTTTTAGAACAAGAT GCCATTTGAACTTAAGGAAGATTGCTTTGGAGGGAGCAAATGTAATTTATAAGCGTGATGTTGGGAAAGT ATTAATGAAGCTTAGAAAACCTAGAATTACAGCTACAATTTGGTCCTCAGGAAAAATTATTTGCACTGGA GCAACGAGTGAAGAAGAAGCTAAATTTGGTGCCAGACGTTTAGCCCGTAGTCTGCAGAAAACTAGGTTTTC AGGTAATTTTTACAGATTTTAAGGTTGTGAATGTTTTGGCAGTCTGTAACATGCCCTTTGAAATCCGTTT GCCAGAATTCACAAAGAACAACAGACCTCATGCCAGCTATGAACCTGAACTTCATCCTGCTGTGGCTAT CGGATAAAGTCTCTAAGAGCTACGTTACAGATATTTTCAACAGGAAGTATCACGGTGACAGGGCCCAATG TAAAGGCTGTGGCCACAGCCGTGGAGCAGATCTACCCATTCGTGTTTGAAAGCAGGAAGAACTAGGATTTTG
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG GTTTAA
Protein Sequence:	<pre>>RR204212 representing NM_001127201 Red=Cloning site Green=Tags(s)</pre>
	MDADSDVALDILITNVVCVFRTRCHLNLRKIALEGANVIYKRDVGKVLMKLRKPRITATIWSSGKIICTG ATSEEEAKFGARRLARSLQKLGFQVIFTDFKVVNVLAVCNMPFEIRLPEFTKNNRPHASYEPELHPAVCY RIKSLRATLQIFSTGSITVTGPNVKAVATAVEQIYPFVFESRKEIL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Restriction Sites:	Sgfl-Mlul



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Cloning Scheme:



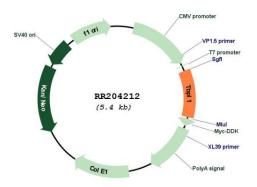
* The last codon before the Stop codon of the ORF

ACCN:	NM_001127201
ORF Size:	558 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <u>custsupport@origene.com</u> or by calling 301.340.3188 option 3 for pricing and delivery.
	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. <u>More info</u>
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.

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	Tbpl1 (NM_001127201) Rat Tagged ORF Clone – RR204212
RefSeq:	NM 001127201.1, NP 001120673.1
RefSeq Size:	1270 bp
RefSeq ORF:	561 bp
Locus ID:	689030
Cytogenetics:	1p12
MW:	20.9 kDa

Product images:



Circular map for RR204212

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