

## Product datasheet for **RR213410**

### Mettl2b (NM\_001108839) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mettl2b (NM\_001108839) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Mettl2b  
**Synonyms:** Mettl2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR213410 representing NM\_001108839  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGCCTCCTTGTCTGAAGGCGTGCCGGAGACTGAGGACAGGAAAAGACCGCAGTTCGGAACCGGT  
 TCTTGAGCGACCCGGCGCGCTTCCACCACAATGCCTGGGACAACGTGAAGTGGTCAGAGGAGCAGGC  
 CGCGGCGCGGAGAGGAAAGTGCAGGAGAACAGTCCCAGCTGGTGTGCCGGAGAAGCAAGCTGATTAT  
 GAAGTCAATGCCATAAACTACTGGGATGACTTCTACAAAGTTCACGAAAATGGGTTTTTCAAGGACAGAC  
 ACTGGCTTTTTACTGAGTTCCTGAAGTGGCACCTAGCCACGATCACCTAGTGAATTTGCACTTGGAGAA  
 ACAGAAGAATGAAGTCTCCAAACCTAGAAGCAGTGAGGATGGACCTGGCTTGGCAGCAGAACAACAAG  
 CGTCTTGTACCAGCCATGGATGTGAAACTCGGGTGCCTCCCCTGGAAGAGCCGGTGACTCAGAAGCTCA  
 CCCACCTGGAAATTTGTGCTGACGACTTTCCTGGCTCCTCTGCTACCTACCGAATACTTGAGGTTGGCTG  
 TGGTGTAGGAAACACAGTCTTCCGATTTTACAACTAACAAATAACCCAGACCTTTCGTTTACTGTTGT  
 GACTTTTCTGCCACAGCTATTGAACTGGTCAAGACAAATTCAGAATATGATCCTTCCCGCTGTTTGCCT  
 TTGTTGATGATCTGTGATGAAGATCAGAGTTACCCAATGCCCAAGGACAGTCTTGATGTCATCGTCTCT  
 TATATTTGTTCTTCCGCAATTGTTCCAGACAAGATGCAGAAAGCTATCAGCAAGCTAAGCAGACTCCTG  
 AAGCCTGGAGGGGTGATGCTTCTTCGAGACTATGGCCGCTATGACATGGCTCAGCTTCGGTTTTAAAAAAG  
 GTCAGTGTCTGTCTGAAATTTCTATGTGAGAGGTGATGGCACCAGAGTTTACTTCTTCACACAAGATGA  
 GCTGGATACACTTCTCACTGCTGCGGGTCTGAAAAAGGTGCAGAACGTGGTGGATCGACGCTTGCAGGTG  
 AATCGAGGAAACAGCTGACCATGTACCGCTCTGGATTCAAGTGCAGCAATACAGCAAGCCGCTAGTGCCCA  
 GTGCCAGCCAACATGTGCCCACTCCCACACGACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >RR213410 representing NM\_001108839  
Red=Cloning site Green=Tags(s)

MAASLSEGVPETEDRKRPFQGNRFLSDPARVFFHNAWDNVKWSSEQAAAAERKVQENSSQLVCPEKQADY  
 EVNAHKYWDDFYKVHENGFFKDRHWLFTFPELAPSHDHLVNLHLEKQKNEVSKPRSSDGPGLAAEQHK  
 RPCTSHGCETRVPVPEEPTQKLTHLEICADDFPGSSATYRILEVCGCGVNTVFPILQTNNDPLFVYCC  
 DFSATAIELVKTNSEYDPSRCFAFVHDLCEDEQSYMPMKDSLVDIVLIFVLSAIVPDKMQKAI SKLSRLL  
 KPGGVMLLRDYGRYDMAQLRFKKGQCLSGNFYVRGDGTRVYFFTQDELDTLFTAAGLEKVVQNVVDRRLQV  
 NRGKQLTMYRVWIQCKYSKPLVPSASQHVPTPHTT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

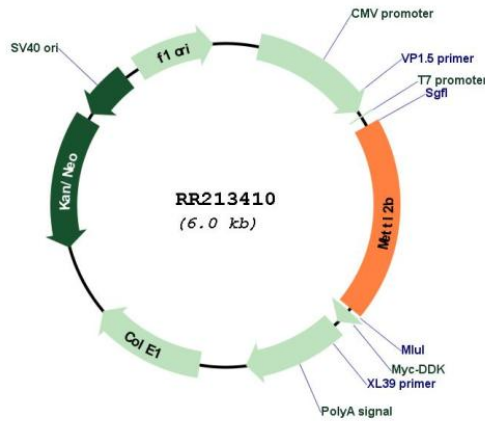
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001108839

<b>ORF Size:</b>	1155 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001108839.1</a> , <a href="#">NP_001102309.1</a>
<b>RefSeq Size:</b>	1828 bp
<b>RefSeq ORF:</b>	1158 bp
<b>Locus ID:</b>	363687
<b>Cytogenetics:</b>	10q32.1
<b>MW:</b>	43.9 kDa