

## Product datasheet for **RN208729**

### Mettl7a (NM\_001037355) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mettl7a (NM_001037355) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mettl7a
Synonyms:	RGD1308407
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208729 representing NM_001037355 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGACGCTGGCCATCCTGGCCCTGCGACTGGTGGTCTGCACCCTGTCGTTCCCCCTGTTTCTGCTGAACC  
TTATAGGCGTGTGGAGCTGGGTATGCAAAAGGTGCTTTCCTACTTCCTGAAGCGGTTACGGTGATGTA  
CAACGAGCAGATGGCTACCCGAAAGCGGGAGCTTTCAGCAACCTGCAGGAGTTCGCGGGCCCTCGGGG  
AAGCTGTCGCTGCTGGAGGTGGGCTGCGGCACCGCGCCAACCTCAAGTTCTATCCCCCGATGCAGGG  
TCACTTGCATCGACCCCAACCCAACTTCGAGAAGTTCCTGTTCAAGAGTGTGCGAGAGAACCGGCACCT  
GCAGTTCGAGCGCTTCTTGGTGGCCGTTGGGGAGGACATGCACCAGGTGGCCGATGGCTCTGTGGACGTG  
GTGGTCTGCACCCTGGTGTGCTCGGTGAAGAGCCAAGAGAAGATCCTGCGCGAGGTGTGCCGAGTGC  
TGAGGCCGGGAGGGGCCTTTTACTTCATGGAGCATGTGGCGGATGAACGGTCCACCTGGAATTACTTCTG  
GCAGCAGGTCTGGATCCTGTCTGGTTCCTTGTTCGATGGATGCAATCTTACAAGAGAGAGCTGGAAG  
ACCCTCGAGCAGGCCAGCTTCTCAAGCTGAAGCTGCAGCACATCCAGGCACCACTCTCCTGGGCTTTGG  
TGCGGCCCCACATCTATGGCTATGCTGTGAAATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001037355
Insert Size:	735 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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>	<u><a href="#">NM_001037355.1</a></u> , <u><a href="#">NP_001032432.1</a></u>
<b>RefSeq Size:</b>	1839 bp
<b>RefSeq ORF:</b>	735 bp
<b>Locus ID:</b>	315306
<b>Cytogenetics:</b>	7q36