

## Product datasheet for RN212802

### Met (NM\_031517) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Met (NM_031517) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Met
Synonyms:	Hgfr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212802 representing NM_031517 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGGCTCCCACCGCCTGGCACCTGGCATTCTGCTGCTGCTGACCTTGGCGCAGAGGAGCCATG  
GGGAGTGAAGGAGGCCCTAGTGAAGTCTGAGATGAACGTGAACATGAAGTACCAGCTTCCCACTTAC  
CGCAGAAACCCCATCCAGAATGTCGCTCCATGGGCACCATATTTATCTCGGAGCCACAACTACATT  
TATGTTTTAAATGACAAAGACCTTCAGAAGGTATCTGAGTTCAAGACCGGCCCGTGGTGAACACCCAG  
ATTGTTTTCTTGTGAGGACTGCAGCAGCAAAGCCAATGTGTGAGGAGTGGTGGAAAGACAACGTCAA  
CATGGCGCTGCTTGTGACACTTACTATGACGACCAGCTCATCAGCTGTGGCAGCGTCAACAGAGGGACC  
TGCCAAAGGCATGTCCTTCTCCTGACAATGCTGCCGACATTCAGTCCGAGGTTCACTGCATGTTCTCCC  
CACTTGGCGGAGGAAGAGTCAGGCCAGTGTCCCAGCTGTGTAGTGTGAGTGCCTGGGAGCCAAAGTCTCCT  
GTCTGAAAAGGACCGGTTCAATTTCTCGTGGGAAATACGATAAACTCTTCTACCCTCCCGATTAT  
TCATTGCATTCAATATCGGTGAGGCGGCTGAAGGAAACCCAGGACGGTTTTAAGTTTTGACAGACCAGT  
CCTACATTGATGTCCTGGGAGAATTCGAGATTCCTACCCCATCAAGTACATACATGCCTTCGAAAGCAA  
CCATTTTACTACTTTCTGACTGTCCAGAAGGAAACCCTAGATGCTCAGACTTTCCATACAAGAATAATC  
AGGTTCTGTTCTGTAGACTCTGGGTTGCACCTACATGGAAATGCCTCTGGAGTGCATTCTGACGGAAA  
AAAGAAGAAAGAGATCCACAAGGGAAGAAGTGTAAATATCTCCAAGCCGCGTATGTGAGTAAACCAAG  
GGCCAATCTTGCTAAGCAAATAGGGGCCAGCCGTATGATGACATTCTCTACGGGTGTTTGCACAAAGC  
AAGCCAGATTCTGCTGAGCCATGAACCGATCAGCGGTCTGTGATTCCCATCAAATATGTCAATGACT  
TCTTCAACAAGATTGTCAACAAAAACAACGTACGGTGTCTCCAGCATTTTATGGACCAACCACGAGCA  
CTGTTTCAATAGGACCTGCTGAGAAATTCATCGGGCTGCGAAGTGCAGTGCAGTACCGGACGGAG  
TTTACCACAGCGCTGCAGGCTGTGGATTTATCATGGGCCGCTCAACCATGACTCTTGACGTCTATCT  
CTACCTTCATCAAAGGTGACCTCACCATTGCTAATCTAGGACATCAGAAGTGCCTTCATGACGGTGGT  
GCTCTCTCGCACAGCACATTTACCCCCATGTGAATTTCTCCTGGATTCCCATCTGTGTCTCCGGAA



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GTTATTGTGCAACATCCATCAAATCAAATGGCTATACCCTGGTGGTCACAGGGAAGAAGATCACCAAGA  
 TTCCACTGAATGGCCTAGGCTGTGGCATTTCAGTCTGCAGTCAGTGTCTCTCTGCCCCCTACTTTAT  
 ACAGTGTGGCTGGTGCCACAATCGGTGTGTGCATTCCAATGAATGCCCCAGCGGTACATGGACTCAAGAG  
 ATCTGTCTGCCAGCAGTTTAAAGGTTTTCCCACTAGTGCACCCCTCGAAGGAGGAACAATGCTGACCA  
 TATGTGGCTGGGACTTTGGATTCAAGAAGAATAATAAATTTGATTTAAGGAAAACCAAAGTTCTGCTTGG  
 CAACGAGAGCTGTACCTTGACCTTAAGCGAGAGCAGCACAATAACGTTGAAATGCACAGTTGGCCCCGCG  
 CTGAGTGACACTTCAATGTGTCTGTGATCGTCTCAAACAGTCGAGAGACAACACAGTACAGTGCCTTTT  
 CCTATGTGGATCCTGTAATAACAAGTATTCTCCAAGGTATGGTCTCATGCCGGAGGCACCTTACTCAC  
 TTTGACTGAAAAATACCTCAACAGCGGCAATTCTAGACACATTTCAATCGGAGGAAAAACATGTACTTTA  
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 GTTAGCACCCAAAGCTGGTAATAGAAGTGCATGACGTGGGCGTGAACACACCGTGGCGTGCCAACATC  
 GCTCGAGTTCAGAGATCATCTGCTGCACCACTCCTTCCCTGCAACAGCTGGACCTGCAACTCCCCCTGAA  
 GACCAAAGCCTTCTTCTGCTGGACGGGATCCTTCCAACACTTTGATCTCACTTATGTACATGATCCT  
 ATGTTTAAAGCCTTTTGAAGCCAGTAATGATCTCCATGGGCAATGAGAAATGTAGTGAAATTAAGGGAG  
 ACGATATTGACCTGAAGCAGTTAAAGGTGAAGTGTAAAAGTCGGGAATAAGAGCTGTGAGAATCTCCA  
 CTGGCATTCTGAAGCTTTGTTGTGTACGGTCCCAAGTGCCTGTGAAGCTGAACGGCGGCGAGCTAAAT  
 ATAGAGTGAAGCAAGCAGTCTCTTCAACTGTCCTTGGAAAAGTATCGTTCAACCGGATCAGAATTTT  
 CAGGATTGATCATTGGTGCAGTCTCAATATCAGTGGTAGTTTTGTTAGTATCCGGGCTCTTCTGTGGCT  
 GAGAAAGAGAAAGCATAAAGATCTGGGCAGTGAATTAGTTCGCTATGACGCAAGAGTACACACTCCTCAT  
 TTGGATAGGCTTGTAAAGTCCCAAGTGAAGCCCACTACAGAGATGGTCTCAAATGAGTCTGTAGACT  
 ACAGAGCTACTTTCCAGAAGCAGTTTCCCACTCCTCAGAAATGGAGCCTGCAGCAAGTGCAGTA  
 TCCACTGACAGATCTGTCCCCATCCTGACGAGTGGAGACTCTGATATATCCAGCCATTACTACAAAAAC  
 ACTGTTACATTGACCTCAGCGCTCTAAATCCAGAGCTGGTCCAAGCGGTGCAGCACGTAGTGATTGGAC  
 CCAGTAGCCTGATTGTGCATTTCAATGAAGTCATAGGAAGAGGGCATTGTTGGCTGTGTCTATCATGGGAC  
 TTTGTTGGACAGTGACGGAAGAAAAATCACTGTGCTGTGAAATCCTTGAATAGAATCACAGATATAGAA  
 GAAGTCTCCAGTTTCTGACTGAGGGAATCATCATGAAAGATTTAGCCACCCCAATGTTCTCTCACTCT  
 TGGGAATCTGCCTGCGGAGTGAAGGGTCCCCTCTGGTGGTCTGCCCTATATGAAGCACGGAGATCTTCG  
 CAATTTCAATCGAAACGAGACTCATAACCCAAGTGTGAAAGATCTTATAGGATTCGGTCTCAAGTAGCC  
 AAGGGCATGAAATATCTTCCAGCAAAAAGTTTGTCCACAGAGACTTAGCTGCAAGAAATGCATGTTGG  
 ATGAAAAATCACTGTCAAGGTTGCTGATTTCCGTCTTCCAGAGACATGTACGACAAAGAGTATTATAG  
 CGTCCACAACAAAACGGGTGCGAAACTACCGGTGAAGTGGATGGCTTTAGAGAGTCTGCAGACGCAAAAG  
 TTCACCACCAAGTCAGACGTGTGGTCTTCCGTGTGCTTCTCTGGGAGCTCATGACGAGAGGAGCCCTC  
 CTTATCCTGACGTGAACACATTTGATATCACTATATACCTGTTGCAAGGCAGAAGACTCTTGAACCAGA  
 GTACTGTCCAGACGCCTTGTATGAAGTGTGCTAAAATGCTGGCACCCCAAGCAGAAATGCGCCCATCG  
 TTTTCTGAACTGGTCTCCAGAATATCCTCAATCTTCTCCACTTTCATTGGCGAGCACTATGTCCATGTGA  
 ACGCTACTTATGTGAATGTAATAATGTGTGCTCCATATCCTTCTCTGTTGCCATCCCAAGACAACATTGA  
 CGGCGAAGCGAACACATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1691\\_e11.zip](https://cdn.origene.com/chromatograms/ja1691_e11.zip)

Restriction Sites: Sgfl-Mlul

ACCN: NM\_031517

Insert Size: 4149 bp

<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_031517.1</a></u> , <u><a href="#">NP_113705.1</a></u>
<b>RefSeq Size:</b>	4187 bp
<b>RefSeq ORF:</b>	4149 bp
<b>Locus ID:</b>	24553
<b>UniProt ID:</b>	<u><a href="#">P97523</a></u>
<b>Cytogenetics:</b>	4q21
<b>Gene Summary:</b>	hepatocyte growth factor receptor; functions as a heterodimeric tyrosine kinase [RGD, Feb 2006]