

Product datasheet for **MC224369**

Met (NM_008591) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Met (NM_008591) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Met
Synonyms:	A1838057; c-Met; HGF; HGFR; Par4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-Myc-DDK (PS100007)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>MC224369 representing NM_008591 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGCTCCCACCGTCTGGCACCTGGCATTCTGGTGTCTGTTGTCTTGGTGCAGAGGAGCCATG
GGGAGTGAAGGAGGCCCTAGTGAAGTCTGAGATGAACGTGAACATGAAGTATCAGCTCCCCAATTAC
GGCAGAAACCCCATCCAGAATGTCGCTACACGGCCATCATATTTATCTCGGAGCCACAACTACATT
TATGTTTTAAATGACAAAGACCTTCAGAAGGTATCCGAATCAAGACCGGCCCGTGTGGAAACCCAG
ATTGTTTACCTTGTCTGGACTGCAGCAGCAAAGCCAATTCATCAGGAGGGTGGAAAGACAACATCAA
CATGGCTCTGCTTGTGACACATACTATGATGATCAACTCATTAGCTGTGGCAGTGTCAACAGAGGGACT
TGCCAGCGGCATGTCCTTCTCCTGACAATTCTGCTGACATCCAGTCTGAGGTCCACTGCATGTTCTCCC
CAGAAGAGGAGTCAGGGCAGTGTCTGACTGTGTAGTGTGAGTGCCTCGGAGCCAAAGTCTCCTGTCTCGGA
AAAGGACCGGTTCAATTTCTTTGTGGGAATACGATCAATTCCTCCTATCCTCCTGGTTATTCACTG
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TTGATGTCTTACCAGAATCCAAGATTCCTACCCATAAAGTACATACATGCCTCGAAAGCAACCATTT
TATTTACTTTCTGACTGTCCAAAAGGAACTCTAGATGCTCAGACTTTTCATACAAGAATAATCAGGTTT
TGTTCCGTAGACTCTGGTTGCACTCCTACATGGAAATGCCCTGGAATGCATCCTGACAGAAAAGAA
GGAAGAGATCCACAAGGGAAGAAGTGTAAATATCCTCCAAGCCGCTATGTCAGTAAACCGGGCCAA
TCTTGCTAAGCAAATAGGAGCTAGCCCTCTGATGACATTCTCTCGGGGTGTTGCACAAGCAAGCCA
GATTCTGCTGAACCTGTGAATCGATCAGCAGTCTGTGCATTCCCCATCAAATATGTCAATGACTTCTTCA
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CAATAGGACCTGCTGAGAACTCTCCGGCTGTGAAGCGCGCAGTGACGAGTATCGACAGAGTTTACC
ACGGCTTTCAGCGCGTCGACTTATTCATGGCCGGCTTAACCAAGTGTCTCCTGACATCCATCTCCACCT
TCATCAAAGGTGACCTCACCATTGCTAATCTAGGGACGTCAGAAGTGTCTCATGCAGGTGGTCTCTC
TCGAACAGCACACTCCTCATGTGAATTCCTCCTGGACTCCCATCCTGTATCTCCAGAAGTTATT



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GTTGAGCATCCATCAAATCAAATGGCTATACATTGGTTGTCACAGGAAAGAAGATCACCAAGATCCAT
 TGAATGGCCTGGGCTGTGGACATTTCCAATCCTGCAGTCAGTGCCTCTCTGCCCTTACTTTATACAGT
 TGGCTGGTGCCACAATCAATGTGTGCGTTTTGATGAATGCCCCAGCGGTACATGGACTCAAGAGATCTGT
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 CTCCAAAGCTGGTAATAGATGTGCATGAAGTGGGTGTAACACAGTGGCATGTCAGCATCGCTCAA
 ATTCAGAGATCATCTGCTGCACTACTCCTTCACTGAAACAGCTGGGCCTGCAACTCCCCGTAAGACCAA
 AGCCTTCTTCTGTTAGACGGGATTCTTTCCAACACTTTGATCTCACTTATGTGCATAATCCTGTGTTT
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 CTCTGGAGCTGTGTTGTGTACAGTCCCCAGTGAACGAGCTAAATATAGAGTGG
 AAGCAAGCAGTCTCTTCAACTGTTCTTGGAAAAGTGATCGTTCAACCGGATCAGAATTTTGCAGGATTGA
 TCATTGGTGGCTCTCAATATCAGTAGTGTGTTTATTATCCGGGCTCTTCTGTGGATGAGAAAAGAG
 AAAGCATAAAGATCTGGGAGTGAATTAGTTCGCTATGACGCAAGAGTACACACTCCTCATTGGATAGG
 CTTGTAAGTGCCGAAGTGAAGTCCAACACTACAGAGATGGTTTCAAATGAGTCTGTAGACTACAGAGCTA
 CTTTTCCAGAAGACCAGTTTCCAACCTCTCAGAATGGAGCATGCAGACAAGTGAATACCCCTGAC
 AGACCTGTCCCCTATCCTGACAAGTGGAGACTCTGATATATCCAGCCATTACTACAAAATACTGTTTAC
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 TGATTGTGCATTTCAATGAAGTCATAGGAAGAGGGCATTGTTGGCTGTGTCTATCATGGGACTTTGCTGGA
 CAATGACGGAAAGAAAATCACTGTGCTGTGAAATCCTTAAATAGAATCAGAGATATAGAAGAGGTCTCC
 CAGTTTCTGACTGAGGGAATCATCATGAAAGACTTCAGCCATCCCAATGTTCTCTCACTCTTGGGAATCT
 GCCTGAGGAGTGAAGGTCTCCTCTGGTGGTCTGCCCTATATGAAGCATGGAGATCTGCGAAATTTTCA
 TCGAAACGAGACTCATAATCCAACGTGAAAGATCTTATAGGATTTGGCCTTCAAGTAGCCAAAGGCATG
 AAATATCTTGCCAGCAAAAAGTTTGTCCACAGAGACTTAGCTGCAAGAACTGCATGTTGGATGAAAAAT
 TCACTGTCAAGGTTGCTGATTTTCGGTCTTGCCAGAGACATGTACGATAAAGAGTACTATAGTGTCCACAA
 CAAGACGGGTGCCAAGCTACCAGTAAAGTGGATGGCTTTAGAGAGTCTGCAAACGCAGAAGTTCACCACC
 AAGTCAGATGTGTGGTCTTTGGTGTGCTCCTCTGGGAGCTCATGACGAGAGGAGCCCTCCTTATCCCG
 ACGTGAACACATTTGATATCACTATCTACCTGTTGCAAGGCAGAAGACTCTTGAACCCAGAATACTGTCC
 AGACGCTTGTACGAAGTGTGCTAAAATGCTGGCACCACCAAGCGGAAATGCGCCCGTCTTTTCCGAA
 CTGGTCTCCAGGATATCCTCAATCTTCTCCACGTTTATTGGGGAACACTACGTCCACGTGAACGCTACTT
 ATGTGAATGAAAAATGTGTTGCTCCATATCCTTCTGTTGCCATCCCAAGACAACATTGATGGCGAGGG
 GAACACA TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1766_g03.zip

Restriction Sites: SgfI-MluI

ACCN: NM_008591

Insert Size: 4140 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 custsupport@origene.com 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. [More info](#)

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:

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_008591.2](#), [NP_032617.2](#)

RefSeq Size: 6652 bp

RefSeq ORF: 4140 bp

Locus ID: 17295

Cytogenetics: 6 7.83 cM