

Product datasheet for **RN212108**

Metap2 (NM_022539) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Metap2 (NM_022539) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Metap2
Synonyms:	Amp2; Mnpep; p67
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212108 representing NM_022539
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGCGTGGAAAGAGGCATCGTCTTTCGGGGGCCACCTGAATCGCGACCTGGATCCAGACGACAGGG
 AAGAGGGAACCTCCAGCACGGCCGAGGAAGCCGCCAAGAAGAAAAGACGGAAGAAGAAGAAGGGCAAAGG
 GGCTGTGTGAGCAGGGCAACAAGAACTTGATAAAGAATCGGGAACCTCAGTGAGCAAGTAGCAAAACAG
 TTGGAGAGACAAGCACTGGAGGAGAAAGAGAAAGATGATGACGATGAAGATGGAGATGGTATGGTATG
 GTGCAGCTGGGAAGAAGAAGAAAAGAAGAAGAAGAAGAGAGGACCAAGAGTTCAAACAGACCCTCCCTC
 AGTTCCAATATGTGACCTGTATCCTAATGGTGTATTTCCAAAGGACAAGAGTGTGAATACCCACCACC
 CAAGATGGGCGGACAGCTGCTTGGAGAACCACAAGTGAAGAGAAAAGGGCTAGACCAGGCTAGTGAGG
 AGATTTGGAACGACTTCCGAGAAGCTGCCGAAGCACACCGCAAGTTAGGAAATACGTCATGAGCTGGAT
 CAAGCCTGGGATGACAATGATAGAAATATGTGAGAAGTTGGAAGACTGTTCCCGAAAGCTCATAAAGGAG
 AATGGGTTAAATGCAGGCCTGGCCTTCCCACTGGGTGTTCTCTCAAACTGTGCTGCACATTACACTC
 CCAATGCTGGTGACACGACAGTCTTACAGTACGACGACATCTGTAAGATCGACTTTGGAACGCATATAAG
 TGGTAGAATAATTGATTGTGCTTTACTGTTACTTTTAAATCCCAAATATGACATATTATTAAGGCTGTA
 AAAGATGCCACCAATACTGGAATAAAGTGTGCGGGGATTGACGTCGCTCTGTGATGTCGGCGAGGCCA
 TTCAAGAAGTTATGGAGTCTATGAAGTGGAAATAGATGGGAAGACCTACCAAGTAAACCCATACGTAA
 CTTAAATGGACATTCAATTGGGCCATATAGAATTCATGCTGGAAAACAGTGCCATTGTGAAAGGAGGG
 GAAGCTACAAGGATGGAGGAAGGAGAGGTGTATGCCATTGAGACCTTTGGTAGCACAGGGAAGGGCTGG
 TTCATGACGATATGGAATGTTACACTACATGAAAAATTTGATGTGGACACGTGCCAATAAGGCTTCC
 AAGAACAACAACTTGTGAATGTCATCAATGAAAATTTGGTACCCTTGCCTTCTGCCGAAGGTGGCTG
 GATCGCTTGGGAGAAAGTAAATACTTAATGGCTCTGAAGAACCTGTGACTTGGGCATTGTAGATCCAT
 ATCCACCCTCTGTGACATTAAGGATCATACACAGCAGTTTGAACATACCATACTCTGCGCCCAACC
 TGTAAGAAGTTGTCAGCAGAGGAGATGACTATTAAACT**TAG**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_022539

Insert Size: 1443 bp

OTI Disclaimer: 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).

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_022539.1, NP_071984.1](#)
RefSeq Size: 1944 bp
RefSeq ORF: 1443 bp
Locus ID: 64370
UniProt ID: [P38062](#)
Cytogenetics: 7q13
Gene Summary: peptidase that protects eIF-2 alpha-subunit from inhibitory phosphorylation by eIF-2 kinases [RGD, Feb 2006]