

Product datasheet for MC211673

Metap1 (NM_175224) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Metap1 (NM_175224) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Metap1
Synonyms:	1700029C17Rik; AW047992; mKIAA0094
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211673 representing NM_175224 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCGGCGGTGGAGACGCGGTGTGCGAGACGGACGGCTGCAGCAGCGAGGCCAAGCTCCAGTGTCCCA
CCTGCATCAAGCTGGGCATCCAGGGCTCGTACTTCTGCTCGCAGGAATGCTTTAAAGGAAGCTGGGCCAC
TCACAAGTTACTACATAAGAAAGCAAAAGATGAAAAGGCAAGCGAGAAGTGTGTTCTGGACTGTAGAA
GGTGATGTCAACACTGACCCATGGGCAGGCTATCGGTACACTGGTAAACTCAGGCCACATTATCCACTGA
TGCCAACACGGCCAGTGCCCAAGTTACATTCAGAGGCCGACTATGCTGACCATCCCTTAGGAATGTCTGA
ATCGGAGCAGGCTCTTAAAGGTACCTCTCAGATTAAGTTACTCTCATCTGAAGATATAGAAGGGATGCGA
CTCGTGTGTAGGCTTGCCAGAGAAGTTTGGACATTGCTGCTGGGATGATTAAAGCGGGTGAACACTACTG
AAGAGATCGACCACGCTGTACACTTAGCATGCATTGCAAGAAATTGCTATCCTTCTCCCCTGAATTACTA
TAACCTCCCAAAGTCTTGTTGTACCTCAGTGAATGAAGTCATCTGCCATGGGATTCCAGACAGGCGGCT
TTGCAAGAAGGTGATATTGTTAATGTGGACATCACTCTTATCGAAATGGTTACCATGGGATCTAAATG
AGACCTTTTTCGTTGGCGATGTGGATGAAGGAGCACGGAACCTTGTTGAGACTACATATGAGTGCCTGAT
GCAAGCCATCGATGCAGTGAAGCCTGGTGTTCGATACAGAGAAGTGGGAAACATCATTAGAAACACGCC
CAAGCAAATGGATTCTCAGTTGTTGCAAGCTATTGTGGCATGGGATCCCAAACCTTTCCATACAGCCC
CCAATGTCCCGCACTATGCCAAAATAAAGCAGTTGGTGTGATGAAGTCGGGTCACTGTGTTACAATTGA
GCCAATGATTTGTGAAGGTGGATGGCAGGATGAGACTTGCCAGATGGCTGGACTGCAGTGACGAGGGAC
GGGAAGCGATCTGCTCAGTTTGAGCACACCCTGCTGGTCACGGACACTGGCTGTGAAATTCTACCCGGA
GACTCGATAGCTCTCGGCCTCATTTTCATGTCCAGTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_175224
Insert Size:	1161 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_175224.4, NP_780433.1</u>
RefSeq Size:	2549 bp
RefSeq ORF:	1161 bp
Locus ID:	75624
UniProt ID:	<u>Q8BP48</u>
Cytogenetics:	3 G3
Gene Summary:	Cotranslationally removes the N-terminal methionine from nascent proteins. The N-terminal methionine is often cleaved when the second residue in the primary sequence is small and uncharged (Met-Ala-, Cys, Gly, Pro, Ser, Thr, or Val).[UniProtKB/Swiss-Prot Function]