

Product datasheet for **MC220824**

Mipep (NM_027436) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mipep (NM_027436) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mipep
Synonyms:	5730405E07Rik; MIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220824 representing NM_027436
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCTGGCGGCCGGGCACGGTACGCCCGCCGGCTGTGCGGCCGGGAGCCGCGCGGCTCTGCAGG
 GACGCACAGGCCGAGCTGCGCCCGGGACGTCACTACTAGCTGGTCCCGGTGGGCGCCGCTTCAACGT
 CAAGCCCCAGAGCCACCTATGGAACCTGTTGGGGAGCGCCGGGTCTTTTTGGAGTTCTTGAGCTCAGC
 ACCCTGAAGGATTCCAAGTTGCCAAGAGGAAGCCTTGAAGAAGACGGAGTGGCTGGTAGAGCGAGCAT
 GTTCCACACCCAGGGCCACAGACAGTCTCATTGACGAACTCTCGGATTGCCTGTGCAGAGTGGC
 TGACTTGGCGGACTTTGTGAAAATTGGACACCCAGACCCTGCATTAGAGAGGCTGCGCAAGAGGCTGC
 AGAAGTATTGGCACCATGGTGGAAAAGTTGAATACAAACGTGGAGCTGTATCAGAGTCTGCAAAGGTTAC
 TGGGTGATAAGAAGCTTATGGAGTCCCTTATGCGGAAACCAGGCGAGTGGCCGAACATTTATGTTTGA
 TTTTGAATCAGTGAATCCATCTAGATGAAGAAAAGCGCAGAAGAGCAGTGGACCTCAATGTTAAGATC
 TTGGACTTGAGCAATGCTTTCCTCATGAGAACCACTTTCCCAACAAGATCCGGAAGAGTCTTACCAG
 AGCACATTCAGCACCACTTTGCCCGTGACGGAAGCCACTTAATCATTGACGGCCTGCATGCAAGAAGCCTC
 CGATGACTTGGTTCGGGAGGCTGCTATAAAATTTTCCTTATCCCAATGCCGATCAGTTGAAATGTTTA
 GAGGAATTGCTAAGCAGCAGAGACCTTCTGGCAAAATTAGTAGGTTATTCTACATTTTCCACAGGGCCC
 TCCAAGGAACCATAGCTCAGACTCCAGAGACTGTCATGCAGTTCCCTTGAAGCTATCTGAAAAGCTCTC
 TGAAAGAACTAGAAAAGATTTCAAGATGATGCAAGGAATGAAAACAAAATAAATCCTCAAAATTTCTAA
 CTAATGCCTTGGGACCTCCCTACTACAGCGGTGTGATTTCGTGCAGAGAGGTATAATATTGAGCCAGTT
 TATACTGCCGTTTTTATCCCTTGGAGCTTGCATGGAAGGCTGAATGTCTTATTTAACAACCTGTGGG
 CATCACCTTATATGCAGAGCAGACCTTCAAAGGAGAGGTGTGGTGAATGACATCCGGAAGCTGGCTGTT
 GTTCATGAATCTGAAGGCTGCTGGGTTACATTTACTGTGATTTTTTCCAGAGAGCAAACAAGCCACAGC
 AGGATTGCCACTTCACCATCCGAGGAGGCAGTTAAAGGAAGATGGCAGCTATCAGCTTCCAGTGGTCTG
 TCTCATGTGAATCTTCTCATGCTTCCAGGGATTTCCCTACATTATTAECTCCAGGAATGATGGAAAAT
 CTCTTCCATGAAATGGGCCATGCCATGCATTCAATGCTTGGACGAACTCGGTACCAACATGCTCACTGGG
 CCAGGTGCCCTACTGACTTTGCTGAAGTCCATCTATTCTGATGGAGTACTTTTCAAATGATTACCGAGT
 AGTCAGCCAGTTCGCCAAGCATTATCAGACTGGTCAGCCACTCCCGAAAGCTATGGTGTCTCGTCTCTGT
 GAGTCTAAGAAGTTTGCACAGCAGCAGAAATGCAGCTTCAAGTCTTTTATGCCGCCCTGGATCAAATCT
 ACCATGGCCAGCATCCCCTGAAGAAGTCAACCACAGATATCCTCATGGAACACAAGAGCAGTTCATGG
 CTTGCCCTATGTTCTGACACTGCCTGGCAGCTGAGGTTCAAGCCACTCGTGGGATATGGTGCCAAGTAT
 TACTCATACCTGATGTCCAGGGCTGTGGCATCCATGATCTGGAAGGAGTCTTCTACAGGATCCTTTTA
 ACAGGGCCGCTGGGAACGCTACCGCAGAGAGATGTTGGCCCATGGTGGAGGCAAGGAGCCCATGCTTAT
 GATTCAAGGCATGCTGCAGAAGTCTTCCATCGATGACTTTGTGGATGCCCTCGTGTCTGACATGAAT
 CTGGACTTTGAAACGTTCTTCTGGATTCTAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027436

Insert Size: 2136 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:	<ol style="list-style-type: none">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:	<u>NM_027436.3</u> , <u>NP_081712.2</u>
RefSeq Size:	2423 bp
RefSeq ORF:	2136 bp
Locus ID:	70478
UniProt ID:	<u>A6H611</u>
Cytogenetics:	14 D1
Gene Summary:	Cleaves proteins, imported into the mitochondrion, to their mature size.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the functional protein.