

Product datasheet for **RN215614**

Misp (NM_001109284) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Misp (NM_001109284) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Misp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215614 representing NM_001109284
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACCGAGTGACCAGATACCCCATCTTCAGCAAGCCCACTCAGCACGTGTACCGGCTTGGCCTTGG
 ATGAAGACACCAGCTACACCGTTGAGCTAGTGGGCGTAGGGCCTGAGGCTGGTTGGAGCCAGGGTGATCT
 GCAAACCTGGTCCGCTGAGGACCAGACCAAGCCAGATGTGAAGAGAGTAAGCGTGTCTTCCACCAGACGA
 GCCTTCTGGGGCAGCAGTCCCCGAGGTCACTGTACTGGGAAGATGAGGACGAGGAGACAAAAGCTTACC
 GCGTGGATGCCGGCAGCAATGCCTTCTGCAGGCAGCCGAGGGACCTGGAGGCCGAGCGTGGGCAGTCAT
 CCAGAGCCAGGCGGTGAGGAAGGTGGCACAGTGGCCACACTCCAGGCTTCATCAGACCATAGGGACCCC
 AGGATCGCCAGCCATCCCCGGTCTTCATTACAGAGGAGATCTTGGTGGACAGGAGCAATCGATTTC
 TGGCTGCTCGGCAGCAGTTCCTGAGTTTAGAGAAGGCAAAACAAATCCGGTCACGTGGAGCCCCACAGC
 CAGGGAGACCTTTCACGTACCCACCTGGCGTCGACCAGACCCCAAGGCCTCCACTGGGCCCCATGTA
 GCCAATGGCTACACCACTTCAGTCACGTACCAATGAAGGAAATGACCTTGGAGAAGACTTTCATTTC
 ACACTTCCCCAGCCGGTCCATCCGTACAACGGATGACCTGGCCACCAGACCCGAGCAGAGTCCCTGA
 GACCCCCAAGGAGACGCCATCGAGAGAGAGATCAGACTGGCCCAGGAGCGAGAGCGGAAGTGCAGGAG
 CAGAGAGGGCTTGGGCGGGCTGCCGGGCATCAAGAGCTCATACAGATCCCCAGCAGGCCCTGCTCAACA
 AGATGAGCCTGACAGAGACACCCCAAGAGACAGGGGCCGCCATCCCTCTACGTGCAGAGGGACAT
 GGTGCAAGAAACGCAACGAGAAGAAGATCATCGCCGAGAGGGTCTGCAGGTGGCAGGGCGTCCACACCT
 GACTGGACTTCCAGGACCCTCAGCCTGGGTCCAGAGAAGCCTGAGCTCCGACTGCATCCTCAGCCCAG
 ATGCCCGAGCTGCAGACCCAGCTCCAGAGGCAAGGAAAGTCAACCGGATCCCACCAGATGCCTACCAGCC
 ATACCTGGGCCCTGGGACCCCAAAATTAGAATTCTCAGCCTTCGGAGTATACAGCAAGCCAAGTGGTGTC
 CACTCCACAGAGGACACCAAGCCACAGCCTTCGGAACACCACAGAGTCTCAAGGCATGTTTCAGAAT
 CCTCCAGAAGATCTCTGAGCTCAAAACAAGAGTGGTCCAAGCCTCCTGGGAAGCCTGCCAACGGGGTGT
 TGTGAAATTAGAGAATTTCCACCTGCGTCCACTGCGATTCAAGGTCCCAGATGTCCCCAGGAAGCTGAG
 ACCCCCCAAACCTGGGGCTGGGAAGTGGCCGAGGCCCTGTGTTGAGACTACAAAAGTCACAGTCATCTG
 ACCTGCTGGAGAGGGAGGTGGAGAGCGTCTGCGGAGGGAGCGAGAGGTAGCTGAAGAGCGGAGGAATGC
 CTTCTTCCAGAGGTATTCTCCCACTGCTGGACCAGGAAGAGAGCCATGAGCAAGACTCCCGCAGTTCC
 TCTCGGCATCTGGCATACCGGCAGCTATTCCGTGTCAGAATCACCATTATTCAGCCCCATTACCTGC
 ATTCCGGCCTGGTGTGAAGGTGGAGGCCAGAGGACAGTTCTCGGCCAGGGCAGAAGACTAGAAAGGA
 GTCGTGGTATGACAGGTATCAACCCCTCAGACGGTGTCAACTCGGAGGTCTGGGAGCCACGAGGGTAAAG
 CGACACAAGAACCTCTTGGCGGAACGCTGGGAAGCACATATCTATGCCAGCGAGGATGAGAACT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109284

Insert Size: 1956 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_001109284.1, NP_001102754.1

RefSeq Size: 2571 bp

RefSeq ORF: 1956 bp

Locus ID: 500797

Cytogenetics: 7q11