

Product datasheet for **RN215466**

Micb (NM_001017468) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Micb (NM_001017468) Rat Untagged Clone
Tag: Tag Free
Symbol: Micb
Synonyms: Mill2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215466 representing NM_001017468
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGCCAGTCTGGAACAGCAGGACCAGCAGTCTACTGTTGATCTTAGCGTGCTCCTGACAGAGT
CACAGGGATCCAGGAGCCAGGGAACCCACACTCTGCGCTATGATGTCACAGCCTGTTTTCTGGAGGGCTC
TGAGCAGACCAGGCTCCTGGTCCTAATATACGTAGACGATGAGCTTCTCCTGAGGTACAATGGAGACAGG
AGGAGTGCAAAGCCCTGGGCATGCTGGATTAAGGGCCATGGGGGAGATGAGACGTGTGCAAGAGAGGTTG
AGAATCTGCCGAAGGAGGAGGAGAGACTCAGGGAGATGATGGCTGAGATGATAAACCAGAAGGGCCACGA
CAAAGGCCATACACTCTTCAGGCAACCCTGGGCTGTGAGCTTCAAAGAAACGGAAGCACTAGAGGCTTC
TGGCACCTGGGCTACGAAGGGCGGAACCTCCTCACCTTCGACCAGAAGACTCTCACATGGACAATGGATG
TGCCCTTACCCAGCAGAAGAAGACGTTCTGGGAGCCACGTGCACCCAAAGCTGACCTAGTTAAGACGTT
CTTGATGAGACATGCTCTGCTCGGCTCCAGAGACACCTGGCTTCTTGAGTAATGTTCTGCCGGATACA
GGTTCCCAAGTGGTATTGTGACCTGCAGGAATTATCCCGTGGCAGGATCACGCTGACATGCCGGGCTT
TTAATCTGAGTTCCTATGTGGCCACCCTGCTCTGGCTTCGGACGGGAAGCCGGTACAGCAGGATGCTT
TGGCCTGGGACCATCCTGCCAGTGGGACGGGACCTACCAGACCTGGGTGTCCATTCCGGTCTTCTCT
GGACAGGAACCACAGTTCGCTGCAACCTGAGGCATAGCAACCGCACCATCATGCAGACCCTGTCTCTG
GCGAGAGCATGGGATGGCCATCCGCCTCATGGGCTACGAGGCAAGAGGCGGAAGGCCCATAGGACACA
CAATGACCACGTGGTTGATGGCGGACTGGTTACGGGGAATGCTAATAAGGACAGTCCAGATGCTTCCAGC
TGTGCTACAGCCTCAGCCATATCTGCGTCCCCGTTGTCGTGTTGTCTGTGGCACTGCCAGAGCCAACT
GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001017468
Insert Size:	1122 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_001017468.2, NP_001017468.1</u>
RefSeq Size:	1202 bp
RefSeq ORF:	1122 bp
Locus ID:	365212
UniProt ID:	<u>Q60I19</u>
Cytogenetics:	1q21
Gene Summary:	Binds to heparan sulfate proteoglycans on the surface of fibroblast cells.[UniProtKB/Swiss-Prot Function]