

Product datasheet for RN217579

Myo3b (NM_001191901) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myo3b (NM_001191901) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Myo3b
Synonyms:	RGD1560313
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217579 representing NM_001191901 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGAAACACCTGTATGGATTATTTCACTATAACTCCATGATGCTTAGACTGGAATCCCTCCCAGACC
CCATGGACACCTGGGAGATTAGAGAGACCATTGGCAAAGGCATTACGGCAAGGTCTACAAGGTAGCCAA
CAGAAGAGACGGGAGTCTGGCTGCCGTAAGATTCTGGACTCCGTCATGACGTGGATGAGGAGGTGGAG
GCTGAATACAACATTCTGCAGTTTCTCCCAGCCATCCCAATGTTGTAAGTTTTATGGGATGTTTTACA
AAGCTGATCGCTGTGTGGGAGGGCAGCTGTGGCTGTTCTGGAGCTGTGTAATGGGGCTCCGTCACTGA
GCTTGTC AAGGGCTCCTGAGGTGTGGTAAGCGGCTGGATGAAGCTCTGATCTCCTACATTCTGTATGGA
TCCCTCTTGGGCCTTCAGCACTTGCACCATCACCGAATCATCCACCGAGATGTGAAGGGGAATAACATTC
TTCTGACGACAGAAGGAGGAGTTAAGCTCGTTGACTTTGGTGTCTCTGCTCAACTTACAAGCACACGGCT
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GCTGCACCCGGACAACCTGGTGTGAGGAGTTTAAACCACTCATTTACAGTGTCTTATTAAGATTTTGAA
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CGGAAAACGCCCATCTGATCGTCCAGCACCTCACTTTCTTAGGAAAGGCCAACAAATCAGACCTTACGCCA
GAAGATTCTCAAGTAACTCCCTGGTGAAGCCTTTGGGAACGCCCGCACAGCCATCAACGATAACTCC



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AGCCGCTTCGGGAAATATCTGGAATGATGTTACACCAACGGGAGCTGTATGGGGCGAGAATCTCCG
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TATTTATGCTGGTCTTTATACCAAAAAGAACTTGTCTGAATTCAGACTTCCTGAGGAAAAGCCTCCTAGA
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GAGGTTCCCAATCCCGAAGCTTTGGAAAACGCTGCCTCCGTGCTGTCATCAACTCTGAAGAGCTTCAGG
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CACTTTTGGATGAGGAAAGTCGATTTCCCAAGGAACAGACCAGACTTTGGTTGATAAATTTGAAGACAA
CCTACGATGCAAGTTCTTCTGGAGGCCAAAGGAGTGGAACTCTTTTCGGCATTAGCAGTATGCTGGA
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TCTGAGGACATCTGAGAACAAGCTCCTTCAGCAACTGTTCTCAATTCCTTTGACAAAAACAGGTAATTT
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CTTACTCCGGTATTCTCTGATGGATCTGCTCTCCAAAATGGTGGTTGGACAGCCCCATTTGTTGCTTG
CATTAAGCCTAATGACGACCGCAAGGCCCTGCAATTCCTCCAAGACAGAGTCTTGGCCAGCTTCGCTCC
ACAGGGATCCTGGAGACTGTGAGCATCCGACAGGAGGCTACTCCCATCGCATCCTTTTGAAGAGTTTG
TAAGACGGTATTATTACTTGGCATTCCGAGCACATCAAACAGCTCCAGCTAACAAAGAGAGCTGTGTTGC
TATCTTTGAAAAAGTCCAGATTAGATCACTGGGTCTGGGAAAAACAAGGTTTTTCTCAATATTACCAC
ATCGAGCAGTTGAATTTGCTTCTCGGGAAGTTATGGGCCGAGTGGTCATGCTACAGGCATATAACCAAGG
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AGCCTGGAGAGGATATGATACTCGGAGGAAATTAAGCAAACAAGGCACAGGAGGAACGAGTCTGCAGCT
CACACTCAAGCAGAGTGCACCGGCACCTCTGGAATACGGAACGTGGCAAACGCACTGAGCAGAAAGCATC
CACAAACCCAGAGTTCCCGACCCAGCAGTGTACCTCGGGACATGCAGATAAGGAAGCCGGGAATGC
TGTTGCTGAGCTCTCAGTTGCTGGAACCGATGGGTACCATCTCGGGTGTGTCACTGCCACAGCTCAC
CACAGACTGAGCCCTGCGAAGTCTCTCAAACAGGTTCCAGAAAGGTTCTCTACAGAAAGCAGCGAG
CACCTCGCAGACGGTGTACGAGCCAAAATGTTGAGTAGCCCGAGGACACCATGACTATAACAGCT
AAACGGAACCTCTAGAATATCAAGGGAGCCAGAGGAAGCCAAAGAAAACCTTGACAAATCAAAGTGGTGGAT
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001191901

Insert Size:

3900 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).

OTI Annotation:

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191901.1</u> , <u>NP_001178830.1</u>
RefSeq Size:	3900 bp
RefSeq ORF:	3900 bp
Locus ID:	366069
Cytogenetics:	3q22