

Product datasheet for **SC323287**

RIMBP3B (NM_001128635) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RIMBP3B (NM_001128635) Human Untagged Clone
Tag:	Tag Free
Symbol:	RIMBP3B
Synonyms:	RIM-BP3.2; RIM-BP3.B; RIMBP3.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC323287 representing NM_001128635. Blue =Insert sequence Red =Cloning site Green =Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCAAGGACTCGCCAGCCCTTGGGCGCGTCGCCAAGAAGCCGGGCTGCTCCAGCCCGCGGCG
GCAGTGTGGAGAACCAGAGGCGGGAGCTGGAGAAGCTACGGGCGGAGCTGGAGGCGGAGCGGGCAGGC
TGGCGGGCGGAACGGCGCGCTTCGCTGCCCGGGAGCGCCAGCTGCGTGAGGAGGCCGAGCGGGAGCGG
CGGCAGCTGGCTGACCGTCTGCGCTCCAAGTGGGAGGCACAGCGCAGCCGGGAGTTGCGGCAGCTGCAA
GAGGAGATGCAGCGGAACGCGAGGCCGAGATCCGGCAGCTGCTGCGCTGGAAGGAGGCCGAGCAGCGG
CAGCTGCAGCAGCTGCTGCACCGGAGCGCGATGGCGTGGTGCGCCAAGCCGGGAGCTGCAGCGCCAG
CTGGCCGAGGAGCTGGTGAACCGCGGCCACTGTAGCCGCCCGGGGCGTCCGAGGTTTCCGCGGCGCAG
TGCCGCTGTCGCCTGCAGGAAGTGTGGCGCAGCTTCGCTGGCAGACTGACGGCGAGCAGGCGGCGCGC
ATCCGCTATCTGCAGGCGGCGCTGGAGGTGGAGCGCCAGCTCTTCCTCAAGTACATCCTGGCGCACTTC
CGCGGGCACCCGGCTTTGTGGGATCACCGGACCCCAAGCTGTGCATTCTTGAAGAACCCTGCC
CAGACCTCCAGCGGCTCTTGCCACGCCCCAAACCCGCTGCCAAGTCCGATCTCTAGACAGCCTGAGT
GCTGAAGTCGGTGTGCGCTCCGCTCGCTAGGCCTGGTGTCTCTGCGTGTCCAGCTCCCAGACGGC
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CGGAGGCTCTCGCCGCCACCATCGCCACTCCCGCCGCCACCACCACCGTCAGCCACAGGAACTCAGC
AACCCGCGGGGAGGAGAAGGCTCTGAGAGCCAGCCCTGCGAAGTCTGACTCCCTCACCCCGGGCCTG
GGCCACCACGAGCTGATAAAGCTGAAGTGGCTGCTGGCCAAGGCGTTGTGGGTGCTGGCGCGCGCTGT
TATACCTGCAAGAGGAGAACAAGCAGCTGCGCGTGCAGGCTGCCCTACCAGGAGACGAGAAGGTG
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GACCTGCATACTGGAAGGGGCGGCCCTGCACCCAGTGGCTCAACGTGAGAGCTTAGACCGCCTGCAG
CGCGAGTCCCAGCGGAAGTGCTGCGCCTGCAGAGGCAGTTGATGCTTCAGCAGGGCAACGGTGGCGCT
TGGCCCGAGGCGGGCGGCCAGAGCGCAACCTGCGAGGAGGTGCGACGGCAGATGCTGGCGCTGGAGCGC
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TTGGCAGGACCTCCCTACCCACCGCTGGAGGTGCTGGTGGAGCGCCATGCCTCGCCAGGTGCTCCTGGT
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CAAGGGTTCACACCTCCCAGCTGGGCGCCAGCCAACAGTATGCATCTGACTTCCATAACGTTTTGAAG
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CCCCACAGCAGGCAAGGACAAGCTCTGGGGTGAAGAGAGGGTGCCAGTCCATGAGCCAGCTCGGCA
CTGTGTCCAGTCCATCCGCCAAGTCAAGATGCCAGGGGTGGCCCCAACAGCTGGGGACGGGG
GCCAACCTCCAGCCAGGGTCTTGTGGCCCTCTCTGATTACAACCCCTGGTGTGTCTGCCAACCTC
AAGGCTGCAGAGGAGGAGCTGGTCTTCCAGAAAAGGCAGTTGCTAAGAGTGTGGGCTCTCAGGACACC
CATGATTTCTACCTCAGCGAGTGCAACAGGCAAGTGGGCAATATCCCCGGGCGCTAGTGGCTGAGATG
GAGGTGGGACAGAGCAGACTGATAGGAGGTGGCGTTCTCCGGCCCAAGGCGACCTGCCTCTGTGGCC
CACCTCGAGGACTTTCAGGGGCTCACCATCCCCAGGGTCTCCTCCTGGTGTCCAGGGGAACTCCAAG
AGACTCCCACTGTGGACTCCAAAGATCATGATAGCAGCTCTGGACTATGATCCTGGGGATGGGCAATG
GGGGGCCAGGGGAAGGGCAGGCTGGCGCTGAGGGCAGGAGACGTGGTCATGGTTTACGGGCCCATGGAT
GACCAAGGATTCTATTATGGAGAGTTGGGCGGCCACAGGGGCTGGTTCTGCCCACCTGCTGGATCAC
ATGTCCCTCCATGGACACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001128635
Insert Size:	4920 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001128635.1</u>
RefSeq Size:	5429 bp
RefSeq ORF:	4920 bp
Locus ID:	440804
UniProt ID:	<u>A6NNM3</u>
Cytogenetics:	22q11.21
MW:	181 kDa
Gene Summary:	Probable component of the manchette, a microtubule-based structure which plays a key role in sperm head morphogenesis during late stages of sperm development.[UniProtKB/Swiss-Prot Function]