

Product datasheet for **SC323286**

RIMBP3C (NM_001128633) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RIMBP3C (NM_001128633) Human Untagged Clone
Tag:	Tag Free
Symbol:	RIMBP3C
Synonyms:	RIM-BP3.3; RIMBP3.3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC323286 representing NM_001128633. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGCCAAGGACTCGCCAGCCCTTGGGCGCGTCGCCAAGAAGCCGGGCTGCTCCAGCCCGGGCGGCG
GCAGTGTGGAGAACCAGAGGCGGGAGCTGGAGAAGCTACGGGCGGAGCTGGAGGCGGAGCGGGCAGGC
TGGCGGGCGGAACGGCGCGCTTCGCTGCCGGGAGCGCCAGCTGCGTGAGGAGGCCGAGCGGGAGCGG
CGGCAGCTGGCTGACCGTCTGCGCTCCAAGTGGGAGGCACAGCGCAGCCGGGAGTTGCGGCAGCTGCAA
GAGGAGATGCAGCGGAACGCGAGGCCGAGATCCGGCAGCTGCTGCGCTGGAAGGAGGCCGAGCAGCGG
CAGCTGCAGCAGCTGCTGCACCGGAGCGCGATGGCGTGGTGCGCCAAGCCGGGAGCTGCAGCGCCAG
CTGGCCGAGGAGCTGGTGAACCGCGGCCACTGTAGCCGCCCGGGGCGTCCGAGGTTTCCGCGGCGCAG
TGCCGCTGTCGCTGCAGGAAGTGTGGCGCAGCTTCGCTGGCAGACTGACGGCGAGCAGCGCGCGC
ATCCGCTATCTGCAGGCGGCGCTGGAGGTGGAGCGCCAGCTCTTCCTCAAGTACATCCTGGCGCACTTC
CGCGGGCACCCGGCTTTGTGGGATCACCGGACCCCAAGCTGTGCATTCTTGAAGAACCCTGCC
CAGACCTCCAGCGGCTCTTGCCACGCCCCAAACCCGCTGCCAAGTCCGATCTCTAGACAGCCTGAGT
GCTGAAGTCGGTGTGCGCTCCGCTCGCTAGGCCTGGTGTCTCTGCGTGTCCAGCTCCCGAGACGGC
CTGCTCTCCACGACGCCAGCTCCCTTGATTGCTTCGCACCTGCGTGTCCCGCTCGCTTGACAGCACC
CGGAGCCTCCCAAGGCCTCCAAATCCGAGGAGCGGCCCTCCTCACCAGACACCTCCACCCTGGCTCC
CGGAGGCTCTCGCGCCACCATCGCCACTCCCGCGCCACCACCACCGTCAGCCACAGGAACTCAGC
AACCCGCGGGGAGGAGAAGGCTCTGAGAGCCAGCCCTGCGAAGTCTGACTCCCTCACCCCGGGCCTG
GGCCACCACGAGCTGATAAAGCTGAAGTGGCTGCTGGCCAAGGCGTTGTGGGTGCTGGCGCGCGCTGT
TATACCTGCAAGAGGAGAACAAGCAGCTGCGCGTGCAGGCTGCCCTACCAGGAGACGAGAAGGTG
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AAGCAGATCGAAGAGCTGCGGCAGGAGTGCCACCTCTGCAGGCGCGTGTGCGCTCGGTCCTGCAGC



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GACCTGCATACTGGAAGGGGCGGCCCTGCACCCAGTGGCTCAACGTGAGAGCTTAGACCGCCTGCAG
CGCGAGTCCCAGCGGGAAGTGCTGCGCCTGCAGAGGCAGTTGATGCTTCAGCAGGGCAACGGTGGCGCT
TGGCCCGAGGCGGGCGGCCAGAGCGCAACCTGCGAGGAGGTGCGACGGCAGATGCTGGCGCTGGAGCGC
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CAAGGGTTCACACCTCCCAGCTGGGCGCCAGCCAACAGTATGCATCTGACTTCCATAACGTTTTGAAG
GAGGAGCAGGAGGCACTGTGCTTGGATCTGCGGGGCACAGAGAGGCGAGAGGAGAGGAGGGAGCCTGAG
CCCCACAGCAGGCAAGGACAAGCTCTGGGGTGAAGAGAGGGTGCCAGTCCATGAGCCAGCTCGGCA
CTGTGTCCAGTCCATCCGCCAAGTCAAGATGCCAGGGGTGGCCCCAACAGCTGGGGACGGGG
GCCAACCTCCAGCCAGGGTCTTTGTGGCCTCTCTGATTACAACCCCTGGTGTGCTGCCAACCTC
AAGGCTGCAGAGGAGGAGCTGGTCTTCCAGAAAAGGCAGTTGCTAAGAGTGTGGGCTCTCAGGACACC
CATGATTTCTACCTCAGCGAGTGCAACAGGCAAGTGGGCAATATCCCCGGGCGCTAGTGGCTGAGATG
GAGGTGGGACAGAGCAGACTGATAGGAGGTGGCGTTCTCCGGCCCAAGGACCTGCCTCTGTGGCC
CACCTCGAGGACTTTCAGGGGCTCATCATCCCCAGGGTCTCCTCCTGGTGTCCAGGGGAACTCCAAG
AGACTCCCACTGTGGACTCCAAAGATCATGATAGCAGCTCTGGACTATGATCCTGGGGATGGGCAATG
GGGGGCCAGGGGAAGGGCAGGCTGGCGCTGAGGGCAGGAGACGTGGTTCATGGTTTACGGGCCCATGGAT
GACCAAGGATTCTATTATGGAGAGTTGGGCGGCCACAGGGGCTGGTTCCTGCCACCTGCTGGATCAC
ATGTCCCTCCATGGACACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001128633
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_001128633.1</u>
RefSeq Size:	5802 bp
RefSeq ORF:	4920 bp
Locus ID:	150221
UniProt ID:	<u>A6NJZ7</u>
Cytogenetics:	22q11.21
MW:	180.9 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]