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Product datasheet for SC122934

RBM15 (NM_022768) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBM15 (NM_022768) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBM15
Synonyms:	OTT; OTT1; SPEN
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_022768 edited
GGCACGAGGCCGCTGTGTGAAACGAGCGCGGGGCGGCGGGTTACTCAGCTCCGCGGAGAC
GACCTCCGACGACCCGCAACAATGAAGGGAAAAGAGCGCTCGCCAGTGAAGGCCAAACGC
TCCCGTGGTGGTGAGGACTCGACTTCCCGCGGTGAGCGGAGCAAGAAGTTAGGGGGCTCT
GGTGGCAGCAATGGGAGCAGCAGCGGAAAGACCGATAGCGGCGGTGGGTCGCGGCGGAGT
CTCCACCTGGACAAGTCCAGCAGTCGAGGTGGCAGCCGCGAGTATGATACCGGTGGGGGC
AGCTCCAGTAGCCGCTTGCATAGTTATAGCTCCCCGAGCACCAAAAATTCTTCGGGCGGG
GGCGAGTCGCGCAGCAGCTCCCGGGGTGGAGGCGGGGAGTCACGTTCCTCTGGGGCCGCC
TCCTCAGCTCCCGGCGGCGGGGACGGCGCGGAATACAAGACTCTGAAGATAAGCGAGTTG
GGGTCCCAGCTTAGTGACGAAGCGGTGGAGGACGGCCTGTTTCATGAGTTCAAACGCTTC
GGTGATGTAAGTGTGAAAATCAGTCATCTGTCGGGTTCTGGCAGCGGGGATGAGCGGGTA
GCCTTTGTGAACTTCCGGCGGCCAGAGGACGCGCGGGCGGCCAAGCATGCCAGAGGCCGC
CTGGTGCTCTATGACCGGCCTCTGAAGATAGAAGCTGTGTATGTGAGCCGGCGCCGCAGC
CGCTCCCCTTTAGACAAAGATACTTATCCTCCATCAGCCAGTGTGGTCGGGGCCTCTGTA
GGTGGTCACCGGCACCCCCCTGGAGGTGGTGGAGGCCAGAGATCACTTTCCCCTGGTGGC
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CCACCTCCGCCACCATTGCCTCGAGACCTGGAGAGAGAAAGAGACTACCCGTTCTATGAG
AGAGTGCGCCCTGCATACAGTCTTGAGCCAAGGGTGGGAGCTGGAGCAGGTGCTGCTCCT
TTCAGAGAAGTGGATGAGATTTCACCCGAGGATGATCAGCGAGCTAACCGGACGCTCTTC
TTGGGCAACCTAGACATCACTGTAACGGAGAGTGATTTAAGAAGGGCGTTTGATCGCTTT
GGAGTCATCACAGAAGTAGATATCAAGAGGCCTTCTCGCGGCCAGACTAGTACTTACGGC
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ATTATAATTCGGAATCCTATCAAAATTGGTTATGGTAAAGCTACACCCACCACCCGCCTC
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GAAAGCCTGGATGCAGCGCATGCTGCCTGGACCCATATGCGGGGCTTCCCTCTTGGTGGC
CCAGATCGACGCCTTAGAGTAGACTTTGCCGACACCGAACATCGTTACCAGCAGCAGTAT

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CTGCAGCCTCTGCCCTTGACTCATTATGAGCTGGTGACAGATGCTTTTGGACATCGGGCA
CCAGACCCTTTGAGGGGTGCTCGGGATAGGACACCACCCTTACTATACAGAGATCGTGAT
AGGGACCTTTATCCTGACTCTGATTGGGTGCCACCCCCACCCCCAGTCCGAGAACGCAGC
ACTCGGACTGCAGCTACTTCTGTGCCTGCTTACGAGCCACTGGATAGCCTAGATCGCAGG
CGGGATGGTTGGTCCTTGGACCGGGACAGAGGTGATCGAGATCTGCCCAGCAGCAGAGAC
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GGGGTCCTTCATGCCTTCCCACCTTGTGAGTTCTCCCAGCAGTTCCTGGATTCCCCTGCC
AAGGCACTGGCCAAATCTGAAGAAGATTACCTGGTCATGATCATTGTCCGTGGGTTTGGT
TTTCAGATAGGAGTTAGGTATGAGAACAAGAAGAGAGAAAACTTGGCGCTGACCCTGTTA
TAGTGGTTATAGTGGTGTCCCTAAAGGGAGGAAATGATTTCAGCAAAACTGGTTGAACAG
CGGATGAAGATATGGAATTCAAAGCTCTAATGGACCTTTTTGAAGAGAAGTTGTGGCTTA
TGTGGAGTTTACATGGGCCTCTGATGGAAGAAAGCTAATCTGTTTAGTATTTGTGCATTT
TACTAAAATGGCAGCTTAAAGTTGTGTATCTGCTATTGTGATGCCAATGCCGGTGTTTTA
AGTGGAAAAAAAATGACCTCTTTGATTTGTGCTGTGTACACAAGATTTCTGGAAAAGTAA
AGAAAAACCCTTTTTATGGCTCACACAGCTTAAGAGTAGCTGTCTCTCAAACGTGCGCTC
ACAGTTGAGCTGCTTTTGTTTTATTCTAAATAAATTGTTTCTTTTGAGGAAAAAAAAAAA
AAAAAAAAAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022768 unedited
CGTCCAAAATTTGTATACGACTCATATAGGGCGGCCGCGAATTCGCACGAGGCCGCTGTG
TGAAACGAGCGCGGGGCGGCGGGTTACTCAGCTCCGCGGAGACGACCTCCGACGACCCGC
AACAATGAAGGGAAAAGAGCGCTCGCCAGTGAAGGCCAAACGCTCCCGTGGTGGTGAGGA
CTCGACTTCCCGCGGTGAGCGGAGCAAGAAGTTAGGGGGCTCTGGTGGCAGCAATGGGAG
CAGCAGCGGAAAGACCGATAGCGGCGGTGGGTCGCGGCGGAGTCTCCACCTGGACAAGTC
CAGCAGTCGAGGTGGCAGCCGCGAGTATGATACCGGTGGGGGCAGCTCCAGTAGCCGCTT
GCATAGTTATAGCTCCCCGAGCACCAAAAATTCTTCGGGCGGGGGCGAGTCGCGCAGCAG
CTCCCGGGGTGGAGGCGGGGAGTCACGTTCCTCTGGGGCCGCCTCCTCAGCTCCCGGCGG
CGGGGACGGCGCGGAATACAAGACTCTGAAGATAAGCGAGTTGGGGTCCCAGCTTAGTGA
CGAAGCGGTGGAGGACGGCCTGTTTCATGAGTTCAAACGCTTCGGTGATGTAAGTGTGAA
AATCAGTCATCTGTCGGGTTCTGGCAGCGGGGATGAGCGGGTAGCCTTTGTGAACTTCCG
GCGGCCAGAGGACGCGCGGGCGGCCAAGCATGCCAGAGGCCGCCTGGTGCTCTATGACCG
GCCTCTGAAGAAGAAGCTGTGTATGTGAGCCCGCGCCGCAACCGCTCCCCCTTAGACAAA
GATACTTATCCTTCATCAGCCAGTGTGGTCCGGGCCTCTGTAGGTGGTCACCGGCACCCC
CCTGGAGTGGGTGGAGCCAGAAATCACTATCCCCTGGTGGCGCTGCCTTGGGATAAGAGA
CTACCGCTGCACCATTTGCA

Restriction Sites: Please inquire

ACCN: NM_022768

Insert Size: 3314 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_022768.1, NP_073605.1
RefSeq Size:	3192 bp
RefSeq ORF:	2778 bp
Locus ID:	64783
UniProt ID:	Q96T37
Cytogenetics:	1p13.3
Protein Families:	Transcription Factors
Gene Summary:	Members of the SPEN (Split-end) family of proteins, including RBM15, have repressor function in several signaling pathways and may bind to RNA through interaction with spliceosome components (Hiriart et al., 2005 [PubMed 16129689]).[supplied by OMIM, Feb 2009] Transcript Variant: This variant (1) encodes the longer protein (isoform 1).