

Product datasheet for **SC304077**

RBPSUHL (RBPJL) (NM_014276) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBPSUHL (RBPJL) (NM_014276) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBPJL
Synonyms:	RBPL; RBPSUHL; SUHL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_014276 edited
 ATGGACCCCGCAGGGGCAGCAGACCCCTCAGTGCCTCCCAATCCTTTGACTCACCTGAGC
 CTGCAGGACAGATCAGAGATGCAGCTGCAGAGCGAAGCCGACAGGCGGAGCCTCCCGGGC
 ACTTGGACCAGGTTCATCCCCAGAGCACACCACCATCTGAGGGGAGGCGTGCGCAGGTGC
 CTGCAGCAACAGTGTGAACAGACTGTGCGGATCCTGCATGCCAAGGTGGCCAGAAATCA
 TACGAAATGAGAAGCGTTCTTCTGCCCCCGCCCTGTGTCTACCTCTCGGGCCCTGGC
 TGGAGGGTGAAGCCAGGGCAGGATCAAGCTCACCAGGCGGGGAAACGGGGCCACGGTC
 TGCGGTTACATGGGACTGGACAGCGCTCCGGCAGCGCCACTGAGACGCAGAAGCTGAAT
 TTCGAGCAGCAGCCGACTCCAGGGAATTCGGCTGCGCCAAGACCCTGTACATCTCAGAT
 GCAGACAAGGAAGCACTTTCCGGCTGGTGTGCGGCTGGTGTGCGCGGGGGCCGGGAG
 CTGGGTACCTTCCACAGCCGCTTATCAAGGTCATCTCGAAGCCCTCGCAGAAGAAGCAG
 TCGCTGAAAAACACCGATCTGTGCATATCTCCGGCTCAAAGGTCCTCCTCTCAACCGC
 CTGCGCTCTCAGACGGTCTCCACACGCTACCTCTCTGTGGAGGATGGGGCCTTTGTGGCC
 AGTGCACGACAGTGGGCTGCCTTACGCTCCACCTGGCTGATGGGCACTCTGCCAAGGA
 GACTTCCCACCGCAGAGGGCTACGTTTCGCTATGGCTCCCTGGTGCAGCTCGTCTGCACG
 GTCACCGGCATCACACTACCTCCCATGATCATCCGTAAGTAGCAAAACAGTGTGCGCTC
 CTTGATGTGGATGAGCCCATCTCCAGCTGCACAAGTGTGCATTCAGTTTCCAGGCAGT
 CCCCAGGAGGGGTGGCACCTACTTATGCCTTGCCACAGAGAAGGTGGTGAATTTTCAG
 GCCTCTCCCTGCCCAAGGAGGGCAACAGGGCTCTGCTTAACGACAGCTTTGCTGGACC
 ATCATCGGCACCGAGTCGGTGAATTTTCTTCCAGCACCAGCCTGGCGTGTACCCTGGAG
 CCGGTCACTCCGGTGCCTCTCATCAGCACCCCTAGAGCTGAGCGGGGGGCGACGTGGCC
 ACGCTGGAGTCCACGGAGAGAATTCCACGCGGGGCTCAAGGTGTGGTTTGGGGACGTG
 GAGGCAGAAACCATGTACAGGAGCCCGGTCCTGGTGTGCGTGGTGGCCGACGTGGCG
 GCCTTCTGCAGCGACTGGCGCTGGCTGCGCGCTCCCATCACAATCCCATGAGCCTGGT
 CGCGCCGACGGGCTTTTACCCTAGTGCCTTCTCCTTACCTACACCCCGGAATACAGC
 GTGCGGCCGGGTACCCCGCGTCCCGAGCCCGCCACCGACCGCGACGCGCTCCTGGAG
 AGCATCCATCAGGAGTTCACGCGCACCAACTTCCACCTTTCATCCAGACTTAG



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014276 unedited GTACGATTTTGTATACGACTCCTATAGGGCGGCCAGTGTGATGGATATCTGCAGAAAT TCGCCCTTACAGCAGCACTGGACTCGTCCAGAGGGCGGGGGTGTGAGCGGCTGGGGCCCC GTGGAGCCACCATGGACCCCGCAGGGGCAGCAGACCCCTCAGTGCCTCCCAATCCTTTGA CTCACCTGAGCCTGCAGGACAGATCAGAGATGCAGCTGCAGAGCGAAGCCGACAGGCGGA GCCTCCCGGGCACTTGGACCAGGTATCCCCAGAGCACACCACCATCTGAGGGGAGGCG TGCGCAGGTGCCTGCAGCAACAGTGTGAACAGACTGTGCGGATCCTGCATGCCAAGGTGG CCCAGAAATCATACGAAATGAGAAGCGTTCTTCTGCCCCCGCCTGTGTCTACTCT CGGGGCCTGGCTGGAGGTGAAGCCAGGGCAGGATCAAGCTCACCAGGCGGGGAAACGG GGCCACGGTCTGCGTTACATGGGACTGGACAGCGCGTCCGGCAGCGCCACTGAGACGC AGAAGCTGAATTTGAGCAGCAGCCGGACTCCAGGGAATTCGGCTGCGCAAGACCCTGT ACATCTCAGATGCAGACAAGAGGAAGCACTTTCGGCTGGTGTGCGGCTGGTGTGCGCG GGGGCCGGGAGCTGGGTACCTCCACAGCCGCTTATCAAGGTATCTCGAAGCCCTCGC AGAGAAGCAGTCGCTGAAAAACCCGATCTGTGCATATCCTCCGGCTCAAAGTCTCCCT CTTCAACCGCCTGCGCTCTCAGACGGTCTCCACACGCTACCTCTGTGGAGGATGGGGC CTTTGTGCCAGTGCACGACAGTGGGCTGCCTTACGCTCCACCTGGCCTGATGGGCACT CTG
Restriction Sites:	Please inquire
ACCN:	NM_014276
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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	NM_014276.2 , NP_055091.2
RefSeq Size:	2630 bp
RefSeq ORF:	1554 bp
Locus ID:	11317
UniProt ID:	Q9UBG7
Cytogenetics:	20q13.12
Protein Families:	Druggable Genome, Transcription Factors

Protein Pathways: Notch signaling pathway

Gene Summary: This gene encodes a member of the suppressor of hairless protein family. A similar protein in mouse is a transcription factor that binds to DNA sequences almost identical to that bound by the Notch receptor signaling pathway transcription factor recombining binding protein J. The mouse protein has been shown to activate transcription in concert with Epstein-Barr virus nuclear antigen-2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. There are no full-length human transcripts supporting this exon combination; inferred from partial human transcripts and full-length transcript support from the mouse ortholog (GeneID: 19668, AK131814.1).