

Product datasheet for **RC238424**

RBPSUHL (RBPJL) (NM_001281448) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBPSUHL (RBPJL) (NM_001281448) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RBPJL
Synonyms:	RBPL; RBPSUHL; SUHL
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC238424 representing NM_001281448
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACCCCGCAGGGGCAGCAGACCCTCAGTGCCTCCCAATCCTTTGACTCACCTGAGCCTGCAGGACA
 GATCAGAGATGCAGCTGCAGAGCGAAGCCGACAGGCGGAGCCTCCCGGGCACTTGACCAGGTATCCCC
 AGAGCACACCACATTCTGAGGGGAGGCGTGCGCAGGTGCTGCAGCAACAGTGTGAACAGACTGTGCGG
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 TCTACCTCTCGGGCCTGGCTGGAGGTGAAGCCAGGGCAGGATCAAGCTCACCAGGCGGGGAAACGGG
 GCCACGGTCTGCGGTTACATGGGACTGGACAGCGCTCCGGCAGCGCCACTGAGACGCAGAAGCTGAAT
 TTCGAGCAGCAGCCGACTCCAGGAATTCGGTGCGCCAAGACCCTGTACATCTCAGATGCAGACAAGA
 GGAAGCACTTTCGGCTGGTGTGCTGCGGCTGGTGTGCGCGGGGGCCGGGAGCTGGTACCTCCACAGCCG
 CCTTATCAAGGTATCTCGAAGCCCTCGCAGAAGAAGCAGTCGTAAGAAACACCGATCTGTGCATATCC
 TCCGGCTCAAAGTCTCCCTCTTCAACCGCTGCGCTCTCAGACGGTCTCCACACGCTACCTCTCTGTGG
 AGGATGGGGCCTTTGTGGCCAGTGCACGACAGTGGGCTGCCTTACGCTCCACCTGGCTGATGGGCACTC
 TGCCAAAGGAGACTTCCCACCGGAGAGGGCTACGTTTCGCTATGGCTCCCTGGTGCAGCTCGTCTGCACG
 GTCACCGGCATCACACTACCTCCCATGATCATCCGTAAGTAGCAAAACAGTGTGCGCTCCTTGATGTGG
 ATGAGCCCATCTCCAGCTGCACAAGTGTGCAATTCAGGTTCCAGGCAGTCCCCAGGAGGGGTGGCAC
 CTACTTATGCCTTGCCACAGAGAAGGTGGTGAATTTCCAGGCTCTCCCTGCCCAAGGAGGCGAACAGG
 GCTCTGCTTAACGACAGCTTTGCTGGACCATCATCGCACCGAGTCGGTGAATTTTCTTCAGCACCA
 GCCTGGCTGACCTGGAGCCGGTCACTCCGGTGCCTCTCATCAGCACCCCTAGAGCTGAGCGCGGGGG
 CGACGTGGCCACGCTGGAGCTCCACGGAGAGAACTTCCACGCGGGGCTCAAGGTGTGGTTGGGGACGTG
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 GCCTTCTGCAGCGACTGGCGCTGGCTGCGCGCTCCCATACAATCCCATGAGCCTGGTGCAGCGCCGACG
 GGCTCTTCTACCC

ACGCGTACGCGGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238424 representing NM_001281448
 Red=Cloning site Green=Tags(s)

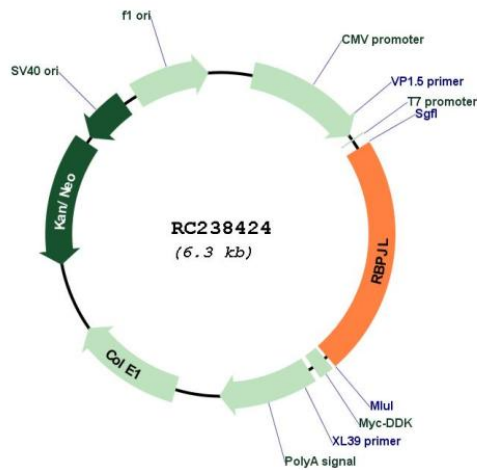
MDPAGAADPSVPPNPLTHLSLQDRSEMQLQSEADRRSLPGTWTRSSPEHTTILRGGVRRCLQQQCEQTVR
 ILHAKVAQKSYGNEKRFFCPPPCVYLSGPGWRVKPGQDQAHQAGETGPTVCGYMGLDSASGSATETQKLN
 FEQQPDSREFGCAKTLYISDADKRKHFRLLVRLVLRGGRELGFHSRLIKVISKPSQKKQSLKNTDLCIS
 SGSKVSLFNRLRSQTVSTRYL SVEDGAFVASARQWAAFTLHLADGHSAQGDFPPREGYVRYGSLVQLVCT
 VTGITLPPMIIRKVAQCALLDVDEPISQLHKCAFQFPGSPGGGGTYLCLATEKVVQFQASPCPKEANR
 ALLNDSSCWTIIGTESVEFSFSTSLACTLEPVPVPLISTLELSGGGDVATLELHGENFHAGLKVWFQDV
 EAETMYRYGVPAVPGVRGAGRGGLLQRLALAAARSHHNPHEPGARRRALLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001281448

ORF Size: 1413 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001281448.2
RefSeq Size:	2509 bp
RefSeq ORF:	1416 bp
Locus ID:	11317
UniProt ID:	Q9UBG7
Cytogenetics:	20q13.12
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Notch signaling pathway
MW:	51.7 kDa
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]