

Product datasheet for **RG238679**

RBPSUHL (RBPJL) (NM_001281449) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | RBPSUHL (RBPJL) (NM_001281449) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | RBPJL |
| Synonyms: | RBPL; RBPSUHL; SUHL |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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ORF Nucleotide Sequence:

>RG238679 representing NM_001281449.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACCCCGACAGGGGCAGCAGACCCCTCAGTGCCTCCCAATCCTTTGACTCACCTGAGCCTGCAGGAC
AGATCAGAGATGCAGCTGCAGAGCGAAGCCGACAGGCGGAGCCTCCCGGGCACTTGGACCAGGTCACTCC
CCAGAGCACACCACATTCTGAGGGGAGGCGTGCAGAGTGCCTGCAGCAACAGTGTGAACAGACTGTG
CGGATCCTGCATGCCAAGGTGGCCAGAAATCATAACGAAATGAGAAGCGGTTCTCTGCCCGCCGCC
TGTGTCTACCTCTCGGGCCTGGCTGGAGGGTGAAGCCAGGGCAGGATCAAGCTCACCAGCGGGGGAA
ACGGGGCCACGGTCTGCGGTTACATGGGACTGGACAGCGCGTCCGGCAGCGCCACTGAGACGCAGAAG
CTGAATTCGAGCAGCAGCCGACTCCAGGAATTCGGCTGCGCCAAGACCCTGTACATCTCAGATGCA
GACAAGAGGAAGCACTTTCGGCTGGTGTGCGGCTGGTGTGCGCGGGGGCCGGGAGCTGGGTACCTTC
CACAGCCGCTTATCAAGGTCATCTCGAAGCCCTCGCAGAAGAAGCAGTGCCTGAAAAACCCGATCTG
TGCATATCTCCGGCTCAAAGGTCCTCCCTTTCAACCGCTGCGCTCTCAGACGGTCTCCACACGCTAC
CTCTCTGTGGAGGATGGGCGCTTGTGGCCAGTGCACGACAGTGGGCTGCCTTACGCTCCACCTGGCT
GATGGGCACTCTGCCAAGGAGACTTCCACCCGAGAGGGCTACGTTCCGCTATGGCTCCCTGGTGCAG
CTCGTCTGCACGGTACCCGGCATCACACTACCTCCCATGATCATCCGTAAGTAGCAAAACAGTGTGCG
CTCCTTGATGTGGATGAGCCATCTCCAGCTGCACAAGTGTGCAATTCAGTTTCCAGGCAGTCCCCCA
GGAGGGGTGGCACCTACTTATGCCCTGGCACAGAGAAGTGGTGAATTCAGGCTCTCCCTGCCCGCC
AAGGAGGCGAACAGGGCTCTGCTTAACGACAGCTTTGCTGGACCATCATCGGCACCGAGTCCGTTGAA
TTTTCTTCAGCACAGCCTGGCGTGTACCCTGGAGCCGGTCACTCCGGTGCCTCTCATCAGCACCTA
GAGCTGAGCGGGCGGGGGCAGCTGGCCACGCTGGAGCTCCACGGAGAGAACTTCCACGCGGGCTCAAG
GTGTGGTTTTGGGACGTGGAGGCAGAAACCATGTACAGCCCGCGTCCCTGGTGTGCGTGGTCCCGGAC
GTGGCGGCTTCTGCAGCGACTGGCGTGGCTGCGCGCTCCCATACAATCCCCATGAGCCTGGTGCGC
GCCGACGGCTCTTCTACCCTAGTGCCTTCTCCTTACCTACACCCCGGAATACAGCGTGCAGCGGGGT
CACCCCGGCTCCCGAGCCCGCCACCGACGCGCGCTCCTGGAGAGCATCCATCAGGAGTTCAGC
CGCACCAACTTCCACCTTTCATCCAGACT
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTAAAC
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Protein Sequence:

>Peptide sequence encoded by RG238679
 Blue=ORF Red=Cloning site Green=Tag(s)

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MDPAGAADPSVPPNPLTHLSLQDRSEMLQSEADRRSLPGTWTRSSPEHTTILRGGVRRCLQQQCEQTV
RILHAKVAQKSYGNEKRFFCPPPCVYLSGPGWRVKPGDQAHQAGETGPTVCGYMLDSASGSATETQK
LNFEQQPDSREFGCAKTLYISDADKRKHFRLLVRLVLRGGRELGFHRSRLIKVISKPSQKKQSLKNTDL
CISGSKVSLFNRLRSQTVSTRYLSVEDGAFVASARQWAAFTLHLADGHSAQGDFPPREGYVRYGSLVQ
LVCTVTGITLPPMIIRKVAKQCALLDVEPISQLHKCAFQPGSPPGGGTYLCLATEKVYQFQASPCP
KEANRALLNDSSCWTIIGTESVEFSFSTSLACTLEPVTPVPLISTLELGGGDVATLELHGENFHAGLK
VWFGDVEAETMYSRSLVCVVPDVAAFCSDWRWLRAPITIPMSLVRADGLFYPSAFSFTYTPESVVRPG
HPGVPEPATDADALLESIHQEFTRTNFHLFIQT
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
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Restriction Sites:

Sgfl-Mlul

| | |
|--------------------------|--|
| ACCN: | NM_001281449 |
| ORF Size: | 1548 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). |
| RefSeq: | NM_001281449.2 |
| RefSeq Size: | 2496 bp |
| RefSeq ORF: | 1551 bp |
| Locus ID: | 11317 |
| UniProt ID: | Q9UBG7 |
| Cytogenetics: | 20q13.12 |
| Protein Families: | Druggable Genome, Transcription Factors |
| Protein Pathways: | Notch signaling pathway |
| MW: | 57 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] |