

Product datasheet for **RG211868**

RBPSUHL (RBPJL) (NM_014276) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBPSUHL (RBPJL) (NM_014276) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RBPSUHL
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:

>RG211868 representing NM_014276
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCCCGCAGGGGCAGCAGACCCTCAGTGCCTCCCAATCCTTTGACTCACCTGAGCCTGCAGGACA
 GATCAGAGATGCAGCTGCAGAGCGAAGCCGACAGGCGGAGCCTCCCGGGCACTTGGACCAGGTCATCCCC
 AGAGCACACCACCATTCTGAGGGGAGGCGTGCGCAGGTGCTGCAGCAACAGTGTGAACAGACTGTGCGG
 ATCCTGCATGCCAAGGTGGCCAGAAATCATACGGAAATGAGAAGCGGTTCTTCTGCCCCCGCCCTGTG
 TCTACCTCTCGGGCCTGGCTGGAGGTGAAGCCAGGGCAGGATCAAGCTCACCAGGCGGGGAAACGGG
 GCCACGGTCTGCGGTTACATGGGACTGGACAGCGCTCCGGCAGCGCCACTGAGACGCAGAAGCTGAAT
 TTCGAGCAGCAGCCGACTCCAGGAATTCGGCTGCGCCAAGACCCTGTACATCTCAGATGCAGACAAGA
 GGAAGCACTTTCGGCTGGTGTGCTGCGGCTGGTGTGCGCGGGGGCCGGGAGCTGGTACCTCCACAGCCG
 CCTTATCAAGGTATCTCGAAGCCCTCGCAGAAGAAGCAGTCGTAACAAACACCGATCTGTGCATATCC
 TCCGGCTCAAAGGTCTCCCTCTTCAACCGCTGCGCTCTCAGACGGTCTCCACACGCTACCTCTCTGTGG
 AGGATGGGGCCTTTGTGGCCAGTGCACGACAGTGGGCTGCCTTACGCTCCACCTGGCTGATGGGCACTC
 TGCCAAAGGAGACTTCCCACCGGAGAGGGCTACGTTTCGCTATGGCTCCCTGGTGCAGCTCGTCTGCACG
 GTCACCGGCATCACACTACCTCCCATGATCATCCGTAAGTAGCAAAACAGTGTGCGCTCCTTGATGTGG
 ATGAGCCCATCTCCAGCTGCACAAGTGTGCATTCAGTTCAGGCAGTCCCCAGGAGGGGTGGCAC
 CTACTTATGCCTTGCCACAGAGAAGGTGGTGAATTTCCAGGCTCTCCCTGCCCAAGGAGGCGAACAGG
 GCTCTGCTTAACGACAGCTCTTGTGGACCATCATCGCACCGAGTCGGTGAATTTTCTTCAGCACCA
 GCCTGGCGTGTACCTGGAGCCGGTCACTCCGGTGCCTCTCATCAGCACCTAGAGCTGAGCGCGGGGG
 CGACGTGGCCACGCTGGAGCTCCACGGAGAGAACTTCCACGCGGGGCTCAAGGTGTGTTTGGGGACGTG
 GAGGCAGAAACCATGTACAGGAGCCCGGCTCCCTGGTGTGCGTGGTGGCGGACGTGGCGCCTTCTGCA
 GCGACTGGCGCTGGCTGCGCGCTCCCATACAATCCCCATGAGCCTGGTGCAGCGCCGACGGGCTCTTCTA
 CCCTAGTGCCTTCTCCTTACCTACACCCCGGAATACAGCGTGCAGCGGGGTACCCCGCGCTCCCGAG
 CCCGCCACCGACCGGACGCGCTCTGGAGAGCATCCATCAGGAGTTCACGCGCACCAACTTCCACCTCT
 TCATCCAGACT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG211868 representing NM_014276
 Red=Cloning site Green=Tags(s)

MDPAGAADPSVPPNPLTHLSLQDRSEMQLQSEADRRSLPGTWTRSSPEHTTILRGGVRRCLQQQCEQTVR
 ILHAKVAQKSYGNEKRFFCPPPCVYLSGPGWRVKGQDQAHQAGETGPTVCGYMGLDSASGSATETQKLN
 FEQQPDSREFGAKTLYISDADKRKHFRLLVRLVLRGGRELGFHSRLIKVISKPSQKKQSLKNTDLCIS
 SGSKVSLFNRLRSQTVSTRYLSVEDGAFVASARQWAAFTLHLADGHSAQGDFPPREGYVRYGSLVQLVCT
 VTGITLPPMIIRKVAKQCALLDVDEPISQLHKCAFQFPGSPPGGGTYLCLATEKVVQFQASPCPEANR
 ALLNDSSCWTIIIGTESVEFSFSTSLACTLEPVTVPVPLISTLELGGGDVATLELHGENFHAGLKVWFGDV
 EAETMYRSPRSLVCVVPDVAAFCSDRWLRAPITIPMSLVRADGLFYPSAFSFTYYPEYSVRPGHPGVPE
 PATDADALLESIHQEFTRTNFHLFIQT

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_014276

ORF Size: 1551 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:

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_014276.4](#)

RefSeq Size: 2630 bp

RefSeq ORF: 1554 bp

Locus ID: 11317

UniProt ID: [Q9UBG7](#)

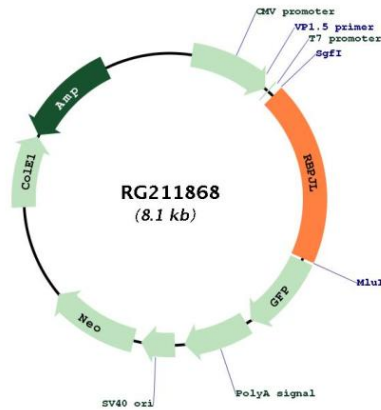
Cytogenetics: 20q13.12

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]

Product images:



Circular map for RG211868