

Product datasheet for **RG203569**

HNRPLL (HNRNPLL) (NM_138394) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNRPLL (HNRNPLL) (NM_138394) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	HNRPLL
Synonyms:	HNRPLL; SRRF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG203569 representing NM_138394
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCCTCCTCCTCTTCTCCCCAGGGAGACGTACGAGGAGACCGGGAGTACGAGAGCCAGGCCAAGC
 GTCTCAAGACCGAGGAGGGGAGATCGACTACTCGGCCGAGGAAGCGAGAACCGCCGGGAAGCGACGCC
 CCGGGGCGGGGCGATGGCGGCGCGCGGCCGAGCTTCTCTCAGCCGAGGCGAGTGGAAATCATCAT
 AAAGTTTCTGTTTCAACCGTCGTCATGTTGAGGACTCTGTGAATCTGTGGTGAAGCAGACCTCGTGG
 AAGCGCTGGAAAAATTTGGGACAATATGCTATGTGATGATGCCATTTAAACGACAGGCTCTAGTGGA
 ATTTGAAACATAGATAGTGCCAAAGAATGTGTGACATTTGCTGCAGATGAACCCGTGTACATTGCTGGT
 CAACAGGCTTTTTCACTATTCTACAAGCAAAAGGATCACTCGGCCAGGAAATACTGATGATCCATCAG
 GAGGCAACAAAGTTCTTCTGCTCTCAATTCAGAATCCGCTTTATCCAATTACAGTGGATGTTTTATATAC
 TGTATGCAACCCTGTTGGCAAAGTGCAACGTATTGTTATATTCAAGAGAAATGGGATACAAGCAATGGTT
 GAGTTTGAATCAGTCCTTTGTGCCAGAAAGCTAAAGCAGCACTCAATGGAGCTGATATATATGCTGGAT
 GTTGCACTAAAAATGAATATGCACGGCCAACCTCGTCTAAATGTTATTAGGAATGACAATGACAGTTG
 GGACTACACTAAACCATATTTGGGAAGACGAGATAGAGGAAAGGGTCGCCAGAGACAAGCCATTTTGGGA
 GAACACCTTCTTCGTTTAGACATGATGGCTATGGATCCCATGGTCCATTATTGCCTTTACCAAGTCGTT
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 AGAGTCTTCAACCTGTTCTGCTTATATGGAATATTGAGAAGTAAAATTTATGAAGACCATTCTTGGA
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 GAGGATGGTACCAGCAGCTACAAAGATTTTGAATGAGCAAAAATATCGCTTTACAAGTCTGGCCAAG
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 AGAGACCTTCACAAAGTTGTGTAATGACCATGAAGTTCTTACATTCATCAATATAAAGTGTGTTGATGCA
 AAACCTTCAGCCAAAACACTTTCTGGGCTATTAGAATGGGAGTGCAAACTGATGCAGTAGAAGCCCTTA
 CGGCACTGAATCACTATCAGATAAGAGTGCCGAATGGTTCCAATCCCTATACATTGAAGCTTTGCTTTTC
 TACATCATCCCATTTA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG203569 representing NM_138394
 Red=Cloning site Green=Tags(s)

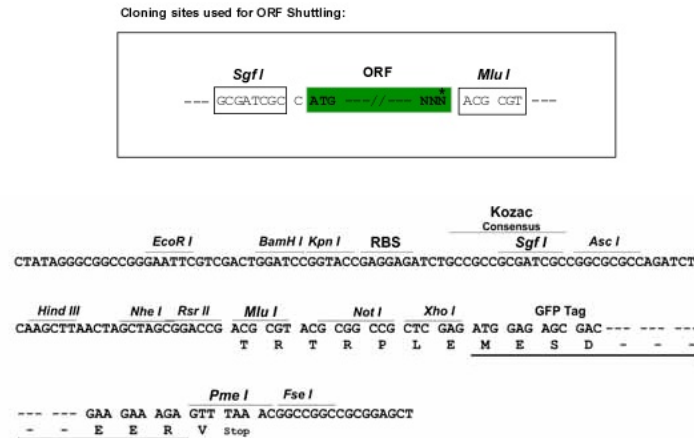
MSSSSSSPRETYEEDREYESQAKRLKTEEGEIDYSAEEGENRREATPRGGDGGGGGRSFSQPEAGGSHH
 KVSVPVHVHRLCESVVEADLVEALEKFGTICYMMMPFKRQALVEFENIDSAKECVTFAADEPVYIAG
 QQAFFNYSTSKRITRPGNTDDPSGGNKVLLL SIQNPLY PITVDVLYTVCNPVGKVQRIVIFKRNGIQAMV
 EFESVLCAQKAKAALNGADIYAGCCTLKIEYARPTRLNVIRNDNDSWDYTKPYLGRRDRGKGRQRAILG
 EHPSSFRHDGYGSHGPLLPLPSRYRMGSRDTPELVAYPLPQASSSYMHGNNPSGSVVMVSLHQLKMNC
 RVFNLFLYGNIEKVKFMKTIPGTALVEMGDEYAVRAVTHLNNVKLFGKRLNVCVSKQHSVVPVSIQIFEL
 EDGTSSYKDFAMSKNNRFTSAGQASKNIIQPPSCVLHYYNVPLCVTEETFTKLCNDHEVLTFIKYKVFDA
 KPSAKTSLGLEWECKTDAVEALTALNHYQIRVPNGSNPYTLKLCFSTSSHL

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_138394

ORF Size: 1626 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_138394.4](#)

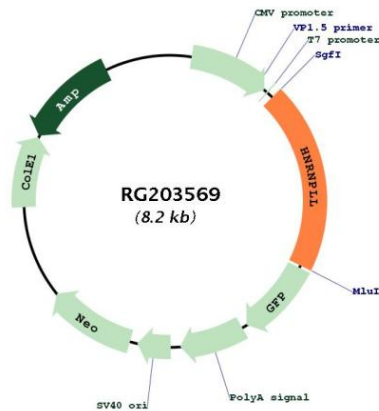
RefSeq Size: 2055 bp

RefSeq ORF: 1629 bp

Locus ID: 92906

UniProt ID:	Q8WVV9
Cytogenetics:	2p22.1
Domains:	RRM
Gene Summary:	HNRNPLL is a master regulator of activation-induced alternative splicing in T cells. In particular, it alters splicing of CD45 (PTPRC; MIM 151460), a tyrosine phosphatase essential for T-cell development and activation (Oberdoerffer et al., 2008 [PubMed 18669861]). [supplied by OMIM, Aug 2008]

Product images:



Circular map for RG203569