

Product datasheet for **RC238433**

hnRNP R (HNRNPR) (NM_001297621) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	hnRNP R (HNRNPR) (NM_001297621) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	hnRNP R
Synonyms:	hnRNP-R; HNRPR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC238433 representing NM_001297621
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAAGACCTACAGGCAGAGAGAGAAACAGGGGAGCAAGGTGCAAGAGTCCACAAAGGGACCTGATGAAG
 CGAAGATCAAGGCCTTGCTTGAGAGAACTGGTTAACTCTGGATGAACACAGGACAGAGGAAGTATGG
 TGGTCTCCACCAGACAGTGTGTACTCTGGCGTCAACCTGGAATTGGAACGGAGTGTGACAGCTATGAA
 ATTCGCCCTGGTAAACACCTTGGAGTGTGCATTTCTGTGGCAAACAACAGACTTTTTGTTGGATCCATTC
 CGAAGAATAAGACTAAAGAAAACATTTTGAAGAATTCAGTAAAGTCACAGAGGGTTTGGTGACGTTAT
 TCTCTATCATCAACCCGATGACAAAAAGAAGATCGGGGTTCTGCTTCCTTGAATATGAGGATCACAAG
 TCAGCAGCACAAGCCAGACGCCGCTGATGAGTGGAAAAGTAAAAGTGTGGGGAATGTAGTTACAGTTG
 AATGGGCTGACCCTGTGGAAGAACCAGATCCAGAAGTCATGGCTAAGGTAAAAGTTTGTGTGAGAAA
 CTTGGCTACTACGGTGACAGAAGAAATATTGAAAAGTCATTTCTGAATTTGAAAAGTCTGAAAGAGTA
 AAGAAGTTGAAAGATTATGCATTTGTTCATTTGAAGACAGAGGAGCAGCTGTTAAGGCTATGGATGAAA
 TGAATGGCAAAGAAATAGAAGGGGAAGAAATTGAATAGTCTTAGCCAAGCCACCAGACAAGAAAAGGAA
 AGAGCGCCAAGCTGCTAGACAGGCCTCCAGAAGCACTGCGTATGAAGATTACTACCACCTCCTCCT
 CGCATGCCACCTCCAATTAGAGGTCGGGGTCGTGGTGGGGGAGAGGTGGATATGGCTACCTCCAGATT
 ACTACGGCTATGAAGATTACTATGATGATTACTATGTTATGATTATCACGACTATCGTGGAGGCTATGA
 AGATCCCTACTACGGCTATGATGATGGCTATGCAGTAAGAGGAAGAGGAGGAGGAAGGGGAGGCGAGGT
 GCTCCACCACCAAGGGGAGGGGAGCACCCTCCAAGAGGTAGAGCTGGCTATTACAGAGGGGGG
 CACCTTTGGGACCACCAAGAGGCTCTAGGGGTGGCAGAGGGGTCCTGCTCAACAGCAGAGGCGCTGG
 TTCCCGTGGATCTCGGGGCAATCGTGGGGCAATGTAGGAGGCAAGAGAAAGGCAGATGGGTACAACCCAG
 CCTGATTCCAAGCGTCGTCAGACCAACAACCAAGCAACTGGGGTCCCAACCCATCGCTCAGCAGCCGC
 TTCAGCAAGGTGGTGACTATTCTGGTAATATGGTTACAATAATGACAACCAGGAATTTTATCAGGATAC
 TTATGGGCAACAGTGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238433 representing NM_001297621
 Red=Cloning site Green=Tags(s)

MKTYRQREKQGSKVQESTKGPDEAIKALLERTGYTLDTVTGQRKYGGPPPSVYSGVQPGIGTECDSYE
 IRPGKHLGVCI SVANNRLFVGSIPKNKTENILEEFSKVTEGLVDVILYHQPDDKKKNRGCFL EYEDHK
 SAAQARRRLMSGKVKVWGNVTVWADPVEEPDPEVMAKVVL FVRNLATTVTTEEILEKSFSEFGKLERV
 KKLKDYAFVHFEDRGA AVKAMDEMNGKEIEGEEIEIVLAKPPDKRKERQAARQASRSTAYEDYYYHPPP
 RMPPPIRGRGRGGRGGYPPDYGYEDYYDDYYGYDYHDYRGGYEDPYGYDDGYAVRGRGGRGGRG
 APPPPRGRGAPPPRGRAGYSQRGAPLGPPRGRSGRGGPAQQQRGRSGRSGRGNRGGNVGGRKADGYNQ
 PDSKRRQTNNQNNWGSQPIAQQLQQGGDYSNGYNNNDNQEFYQD TYGQQWK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001297621

ORF Size: 1419 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_001297621.2](#)

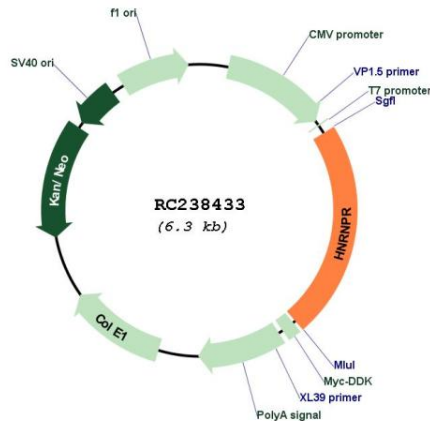
RefSeq Size: 7526 bp

RefSeq ORF: 1422 bp

Locus ID: 10236

Cytogenetics:	1p36.12
MW:	53.5 kDa
Gene Summary:	This gene encodes an RNA-binding protein that is a member of the spliceosome C complex, which functions in pre-mRNA processing and transport. The encoded protein also promotes transcription at the c-fos gene. Alternative splicing results in multiple transcript variants. There are pseudogenes for this gene on chromosomes 4, 11, and 10. [provided by RefSeq, Jul 2014]

Product images:



Circular map for RC238433