

Product datasheet for **RC239028**

hnRNP R (HNRNPR) (NM_001297620) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	hnRNP R (HNRNPR) (NM_001297620) 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:

>RC239028 representing NM_001297620
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTAATCAGGTGAATGGTAATGCGGTACAGTTAAAGAAGAGGAAGAACCAATGGATACTTCCAGTG
 TAACTCACACAGAACTACAAGACACTGATAGAGGCAGGCCTCCACAGAAGGTGGCAGAAAGACTTGA
 TGAAATATTTTCAGACAGGATTGGTAGCTTATGTCGATCTTGATGAAAGAGCAATTGATGCTCTCAGGGAA
 TTTAATGAAGAAGGAGCTCTGTCTGTACTACAGCAGTTCAAGGAAAGTGAATTATCACATGTTTCAGAACAA
 AAGTGCATTTTTATGTGGAGTTATGAAGACCTACAGGCAGAGAGAGAAACAGGGGAGCAAGGTGCAAGA
 GTCCACAAAGGGACCTGATGAAGCGAAGATCAAGGTATTTGTAGGCAAAATACCAAGGGATTATATGAG
 GATGAGTTGGTGGCCCTTTTGTAGAAGGCCGACCCATTTGGGATCTACGTCTTATGATGGATCCACTGT
 CCGGTGAGAATAGAGGGTATGCATTTATCACCTTCTGTGAAAGGAAGCTGCACAGGAAGCCGTGAAACT
 GTGTGACAGCTATGAAATTCGCCCTGGTAAACACCTTGGAGTGTGCAATTTCTGTGCAAAACAACAGACTT
 TTTGTTGGATCCATTCCGAAGAATAAGACTAAAGAAAACATTTTGAAGAATTTCAGTAAAGTCACAGAGG
 GTTTGGTGGACGTTATTCTCTATCATCAACCCGATGACAAAAAGAAGAATCGGGGGTTCTGCTTCCTTGA
 ATATGAGGATCACAAGTCAGCAGCACAAGCCAGACGCCGCTGATGAGTGGAAAAGTAAAAGTGTGGGGA
 AATGTAGTTACAGTTGAATGGGCTGACCTGTGGAAGAACCAGATCCAGAAGTCATGGCTAAGGTAAGG
 TTTTGTGTTGTGAGAACTTGGCTACTACGGTGACAGAAGAAATATTGGAAGATCATTCTTGAATTTGG
 AAACTCGAAAGAGTAAAGAAGTTGAAAGATTATGCATTTGTTTCAATTTGAAGACAGAGGAGCAGCTGTT
 AAGGCTATGGATGAAATGAATGGCAAAGAAATAGAAGGGGAAGAAATTGAAATAGTCTTAGCCAAGCCAC
 CAGACAAGAAAAGGAAAGAGCGCAAGCTGCTAGACAGGCCTCCAGAAGCACTGCGTATGAAGATTATTA
 CTACCACCTCCTCTCGCATGCCACCTCCAATTAGAGGTCGGGGTCGTGGTGGGGGAGAGGTGGATAT
 GGCTACCTCCAGATTACTACGGCTATGAAGATTACTATGATGATTACTATGGTTATGATTATCACGACT
 ATCGTGGAGGCTATGAAGATCCCTACTACGGCTATGATGATGGCTATGCAGTAAGAGGAAGAGGAGGAGG
 AAGGGGAGGGCGAGGTGCTCCACCACCACAAGGGGGAGGGGAGCACCCTCCAAGAGGTAGAGCTGGC
 TATTCACAGAGGGGGGACCTTTGGGACCACCAAGAGGCTCTAGGGGTGGCAGAGGGGCTCTGCTCAAC
 AGCAGAGAGGCCGTGTTCCCGTGGATCTCGGGGCAATCGTGGGGCAATGTAGGAGGCAAGAGAAAGGC
 AGATGGGTACAACAGCCTGATTCCAAGCGTCGTACACCAACAACCAACAGAACTGGGGTCCCAACCC
 ATCGCTCAGCAGCCGCTCAGCAAGGTGGTGACTATTCTGGTAACATATGTTTACAATAATGACAACCAGG
 AATTTTATCAGGATACTATGGGCAACAGTGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239028 representing NM_001297620
 Red=Cloning site Green=Tags(s)

MANQVNGNAVQLKEEEPMDTSSVTHTEHYKTLIEAGLPQKVAERLDEIFQTGLVAYVDLDERAIDALRE
 FNEEGALSVLQQFKESDLSHVQNKSAFLCGVMKTYRQREKQGSKVQESTKGPDEAIKVFVGKIPRDL YE
 DELVPLFEKAGPIWDLRLMMDPLSGQNRGYAFITFCGEAAQEA VKLCDSYEIRPGKHLGVCISVANNRL
 FVGSIPKNKTENILEEF SKVTEGLVDVILYHQPDKKKNRGFCFLEYEDHKSAAQARRRLMSGKV VWG
 NVVTVEWADPVEEPDPEVMAKV VLFVRNLATTVTEEILEKSFSEFGKLERVKKLKDYAFVHFEDRGA AV
 KAMDEMNGKEIEGEEIEIVLAKPPDKRKERQAARQASRSTAYEDYYYHPPRMPPIIRGRGRGGGRGGY
 GYPDDYYGYEDYYDYDYHDYRGGYEDPYGYDDGYAVRGRGGGRGGRGAPPPPRGRGAPPPRGRAG
 YSQRGAPLGPPRGRGRGGPAQQQRGRGRGRGNRGGNVGGKRKADGYNQPSKRRQTNNQNQNWGSQP
 IAQQPLQQGGDYSGNYGYNNDNQEFYQDTYQQWK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001297620

ORF Size: 1785 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_001297620.2](#)

RefSeq Size: 7755 bp

RefSeq ORF: 1788 bp

Locus ID: 10236

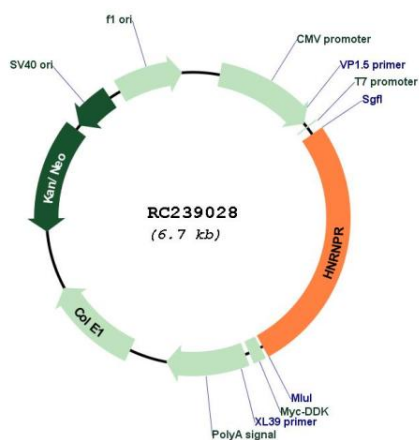
UniProt ID: [O43390](#)

Cytogenetics: 1p36.12

MW: 67.4 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 RC239028