

Product datasheet for **RR216327**

Hnrnpc (NM_001277600) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hnrnpc (NM_001277600) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hnrnpc
Synonyms: hnRNP C; Hnrpc
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216327 representing NM_001277600
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTAGCAATGTTACCAACAAGACAGATCCTCGATCCATGAATTCCCCTGTATTCATTGGGAATCTCA
ACACTCTGGTGGTCAAGAAGTCTGATGTGGAGGCCATCTTTCAAAGTATGGCAAATTTGGGTTGCTC
TGTGCATAAGGGCTTTGCCTTTGTCCAGTATGTTAATGAAAGAAATGCCCGAGCTGCTGTAGCTGGAGAG
GATGGCAGAATGATTGCTGGCCAGGTTTTAGATATTAACCTGGCTGCAGAGCCAAAAGTGAACCGAGGAA
AAGCGGGTGTGAAACGATCTGCAGCGGAGATGTACGGGTCAAGTACCAGAACACCCCTTCTCCGTCCCTCT
ACTCAGTTCCTCATTGACTTGGACTATGACTTCAACGCGATTATTATGACAGGATGTACAGTTACCCA
GCACGTGTTCTCCTCCTCCTCCATTGCTCGAGCTGTGGTGCCTTCAAACGCCAGCGTGTGTCGGGGA
ACACCTCACGAAGGGGCAAAAGTGGATTCAATTCAAAGAGTGGACAACGGGGATCTTCTTCAAATCTGG
AAAGTTGAAAGGTGATGACCTTCAGGCCATTAAGAGGAGCTGACTCAGATAAAACAAAAGTGGATTCT
CTGCTGAAAAGCCTGAAAAAATGAAAAAGAACAAGCAAACAAGCAGACTTGCCTTCTCGTCCCCAG
TAGAAATGAAGAATGAAAAGTCTGAAGAGGAGCAGAGCAGTGCCTCTGTGAAGAAAGATGAGACTAATGT
GAAAATGGAGTCTGAGGCAGGTGCAGATGACTCTGCTGAGGAGGGCGACCTGCTGGATGATGACGATAAT
GAAGATCGGGGGATGACCAGCTGGAGTTGAAGGATGATGAAAAAGACCTGAGGAAGGAGAAGATGACA
GAGATAGCGCCAATGGGGAGGATGACTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216327 representing NM_001277600
Red=Cloning site Green=Tags(s)

MASNVTNKTDPRSMNSRVFIGNLNLTLVVKKSDVEAIFSKYGKIVGCSVHKGFVQYVNERNARA AVAGE
 DGRMIAGQVLDINLAAEPKVNVRGKAGVKRSAAEMYGSVPEHPSPSPLSSSFDLDYDFQRDYYDRMYSYP
 ARVPPPPPIARAVVPSKRQRVSGNTSRRGKSGFNSKSGQRGSSSKSGKLGDDLQAIIKELTQIKQKVD
 LLE SLEKIEKEQSKQADLSFSSPVEMKNEKSEEEQSSASVKKDETNVKMESEAGADDSAEEDLLDDDDN
 EDRGDDQLLELKDDEKEPEEGEDDRDSANGEDDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

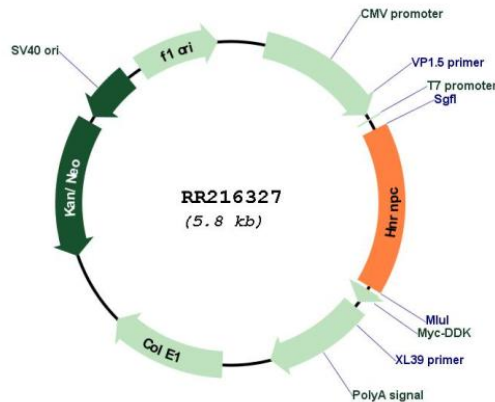
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001277600

ORF Size: 939 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:	<ol style="list-style-type: none"> 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_001277600.1 , NP_001264529.1
RefSeq Size:	1802 bp
RefSeq ORF:	942 bp
Locus ID:	290046
Cytogenetics:	15p14
MW:	34.4 kDa