

Product datasheet for **MR230743**

Hnrnpr (NM_001277121) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpr (NM_001277121) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hnrnpr
Synonyms:	2610003J05Rik; 2610528B01Rik; Hnrpr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR230743 representing NM_001277121
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTAATCAGGTGAATGGTAATGCGGTACAGTTAAAAGAAGAGGAAGAACCAATGGATACTTCCAGTG
TAACTCACACAGAACACTACAAGACACTGATAGAGGCAGGCTCCACAGAAGGTGGCAGAAAGACTTGA
TGAATATTTTCAGACAGGATTGGTAGCTTATGTGGATCTTGATGAAAGAGCAATCGATGCTCTCAGGGAG
TTAATGAGGAAGGAGCTCTGTCTGACTGCAGCAGTTCAAAGAAAGTGACCTGTCTCATGTCCAGAACA
AAAGTGCATTTTTATGTGGAGTTATGAAGACCTACAGGCAAAGAGAGAAACAAGGCAGCAAGGTACAAGA
GTCCACGAAAGGGCCGATGAAGCAAAAATCAAGGCCTTGCTTGAGAGGACTGGTTATACTTTGGATGTG
ACCACGGGACAGAGGAAGTATGGCGGTCCCCACCAGACAGTGTGTACTCGGGTGTGCAGCCTGGGATTG
GGACAGAGGTCTTCGTAGGTAATAATCCCAAGAGACTTGTATGAGGATGAATTGGTCCCTTTTTGAGAA
GGCTGGTCTATCTGGGATCTACGGCTCATGATGGATCCACTCTCTGGTCAGAACAGAGGCTATGCATTC
ATCACCTTCTGTGAAAAGAAGCTGCGCAGGAAGCAGTTAAGCTGTGTGACAGCTATGAGATTCGCCTG
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AACTAAAGAGAACATTCTGGAAGAGTTCAGTAAAGTCACAGAGGGTTTGGTGGACGTTATTTCTCTATCAT
CAACCCGATGACAAAAGAAGAAATCGGGGGTCTGCTTCTTGAATATGAGGATCACAAGTCAGCAGCAC
AAGCCAGACGCCGGCTGATGAGTGGAAAAGTCAAAGTGTGGGAAATGTGGTTACAGTAGAGTGGCTGA
CCCCGTGGAGGAGCCGGATCCAGAAGTCATGGCAAAGTAAAAGTTTTATTTGTGAGAACTTGGCAACT
ACGGTGACAGAAGAAATATTAGAGAAGTCATTTCTGAGTTTGGAAAACGGAGCGAGTGAAGAAGTTGA
AGGATTATGCGTTCGTTTCAATTTTGAGGACAGGGGAGCTGCTGTTAAGGCTATGGATGAAATGAATGGAAA
AGAAATAGAAGGGGAAGAAATTGAAATTGCTTAGCTAAGCCACCAGACAAGAAAAGGAAAGAGCGCCAA
GCTGCTAGACAGGCTCCAGAAGCACTGCGTATGAAGATTATTATTATCACCTCCTCCCGAATGCCAC
CTCCAATGAGAGGCCGAGGTCGTGGAGGGAGAGGTGGATATGGCTACCCTCCAGATTATTATGGCTATGA
AGACTACTATGATGATTACTATGGTTATGATTATCAGCACTATCGTGGAGGCTATGAAGATCCCTACTAC
GGCTATGATGATGGCTATGCAGTAAGAGGAAGAGGAGGAGGAAGGGGGGGCGAGGTGCTCCACCACCAC
CAAGGGGGCGGGAGCACCTCCAAGAGGTAGAGCTGGCTATTCACAGAGGGGGCACCTTTGGGACC
ACCAAGAGGCTCAAGGGTGGCAGAGGGGCTCCTGCACAACAGCAGAGAGCCGTGGTTCTCGTGGAGCT
CGGGGCAATCGAGGGGGCAATGTAGGAGCAAGAGAAAGGCAGATGGGTACAACCAACCTGATTCAAAAC
GTGCTCAGACCAACAACCAACAGAACTGGGGTCCCAACCCATCGCTCAGCAGCCGCTTCAGCAAGGTGG
TGACTATTCTGGTAACTATGGTTACAATAATGACAACCAAGAATTTTATCAGGATACTTATGGGCAACAG
TGGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >MR230743 representing NM_001277121
Red=Cloning site Green=Tags(s)

MANQVNGNAVQLKEEEPMDTSSVTHTEHYKTLIEAGLPQKVAERLDEIFQTGLVAYVDLDERAIDALRE
 FNEEGALSVLQQFKESDLSHVQNKSAFLCGVMKTYRQREKQGSKVQESTKGPDEAKIKALLERTGYTLDV
 TTGQRKYGGPPDSVYSGVQPGIGTEVFVGKIPRDLYEDELVPLFEKAGPIWDLRLMMDPLSGQNRGYAF
 ITFCGKEAAQEAVKLCDSYEIRPGKHLGVCISVANNRLFVGSIPKNKTENILEEFKSVTEGLVDVILYH
 QPDDKKKNRGFCFLEYEDHKSAQAARRRLMSGKVKVGWNVVTVEWADPVEEPDPEVMAKVLFVRLNAT
 TVTEEILEKSFSEFGKLERVKKLDYAFVHFEDRGAAVKAMDEMNGKEIEGEEIEIVLAKPPDKKRKERQ
 AARQASRSTAYEDYYYHPPRPPMRGRGRGGYGYPPDYGYEDYDDYGYDYHDYRGGYEDPYY
 GYDDGYAVRGRGGGRGGGAPPPRGRGAPPPRGRAGYSQRGAPLGPGRGSRGGGPAQQQRGRGSRGA
 RGNRGGNVGGKRRKADGYNQPSKRRQTNNQONWGSQPIAQQPLQQGGDYSGNYGYNNDNQEFYQDTYGOQ
 WK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001277121

ORF Size: 1896 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_001277121.1](#), [NP_001264050.1](#)

RefSeq Size: 8022 bp

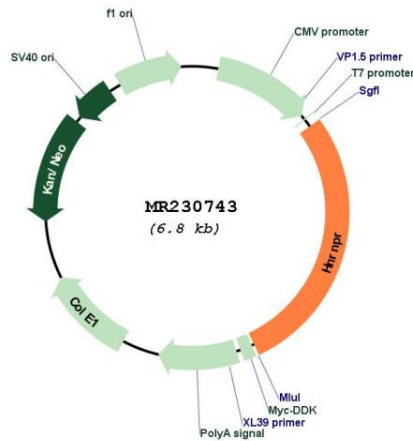
RefSeq ORF: 1899 bp

Locus ID: 74326

Cytogenetics: 4 D3

MW: 70.9 kDa

Product images:



Circular map for MR230743