

## Product datasheet for **MR204450**

### Hnrpa3 (BC085474) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrpa3 (BC085474) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hnrpa3
Synonyms:	MGC37309, hnRNPA3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR204450 representing BC085474 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGAGATCCCCAAACAAAACGTTCCAGAGGCTTTGGTTTTGTGACCTACTCTTGTGTTGAAGAGGTGG  
ATGCTGCAATGTGTGCTCGGCCACACAAGTTGATGGGCGTGTGGTGAACCGAAGAGAGCTGTTCTAG  
AGAGGATTCTGTAAGCCTGGTGCCATTTAACGGTGAAGAAAATTTTTGTTGGTGGTATTAAGAGGAT  
ACGGAAGAATATAACCTGAGAGACTACTTTGAAAAGTATGGCAAGATTGAAACCATAGAGGTTATGGAAG  
ACAGGCAGAGTGGGAAAAAGAGAGGATTTGCTTTTGAACTTTTGATGATCATGACACAGTTGATAAAAT  
TGTTGTTTCAGAAATACCACACTATTAATGGGCATAAATTGTGAAGTAAAAAGGCCCTTTCTAAACAAGAG  
ATGCAGTCTGCTGGATCACAGAGAGGTCGTGGAGGTGGATCTGGCAACTTATGGGTCGTGGAGGAACT  
TTGGAGGTGGTGGAGGAACTTTGGTCGTGGAGGAACTTTGGTGAAGAGGTGGCTATGGTGGTGGAGG  
TGGTGGCAGCAGAGGTAGTTATGGAGGTGGTATGGTGGATATAATGGATTTGGAGGTGATGGTGGCAAC  
TATGGTGGTGGTCTGGTTACAGCAGTAGAGGAGTTATGGAGGTGGTGGACCAGGATATGGAACCCAGG  
GTGGTGGATATGGTGGTGGAGGAGGAGGCTATGATGGTTACAATGAAGGAGGAAAATTTGGTGGAGGTA  
CTATGGTGGTGGTGGAACTATAATGACTTTGGAAATTATAGTGGACAGCAACAATCAAATTTATGGACCC  
ATGAAGGGGGGCAGTTTTGGTGAAGAAGCTCAGGCAGTCCCTATGGTGGTGGCTATGGATCTGGAGGTG  
GAAGTGGTGGATATGGTAGCAGAAGTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR204450 representing BC085474  
 Red=Cloning site Green=Tags(s)

MRDPQTKRSRGGFVTVYSCVVEVDAAMCARPHKVDGRVVEPKRAVSREDSVKPGAHLTVKKIFVGGIKED  
 TEEYNLRDYFEKYGKIETIEVMEDRQSGKKRGFVTFDDHDTVDKIVVQKYHTINGHNCEVKKALSKQE  
 MQSAGSQRGRGGGSGNFMGRGGNFGGGGNFGRGGNFGRGGYGGGGGSRGSYGGDGGYNGFGGDGGN  
 YGGGPGYSSRGGYGGGGPGYGNQGGGYGGGGYDGYNEGGNFGGGNYGGGGNYNDFGNYSGQQQSNYGP  
 MKGGSFGGRSSGSPYGGGYGSGGGSGGYSRRF

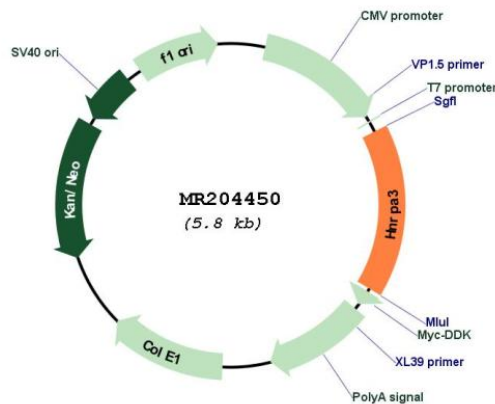
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** BC085474

**ORF Size:** 939 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC085474.1</a>
<b>RefSeq Size:</b>	1851 bp
<b>RefSeq ORF:</b>	941 bp
<b>Locus ID:</b>	229279
<b>Cytogenetics:</b>	2 C3
<b>MW:</b>	32 kDa
<b>Gene Summary:</b>	Plays a role in cytoplasmic trafficking of RNA. Binds to the cis-acting response element, A2RE. May be involved in pre-mRNA splicing (By similarity).[UniProtKB/Swiss-Prot Function]