

## Product datasheet for **RR204521**

### Hes6 (NM\_001013179) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hes6 (NM_001013179) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hes6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR204521 representing NM_001013179 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGGACCGTTGGGAAGCACGGGGGACCGCAAGGTGCGGACAGGGGCTGCGGGTGGATGGGCCTGCGG  
GAGGCTGCACGGGCCAGGGGCTCAGTAGCCGTTTCCCACAGGCCCGGAAGCCCTGGTGGAGAAGAAGCG  
ACGCGCGCGGATCAACGAGAGTCTTCAGGAGTTGCGGCTGCTGCTAGCGGGCACCGAGGTGCAGGCCAAG  
CTAGAGAACGCCGAGGTGCTGGAGCTGACCGTGCGACGCGTGCAGGGCGCTCTGCGAGGGCCGGGCTCGCG  
AGCGGGAGCAGCTGCAGGCTGAAGCAAGCGAGCGCTTCGCTGCTGGCTACATCCAATGCATGCATGAGGT  
GCACACGTTTCGTGTCCACGTGCCAAGCCATCGATGCCACTGTCTCAGCTGAACTCCTGAACCCACTGCTA  
GAGTCCATGCCGCTGCGCGAGGGTAGCAGCTTTCGGGATCTGCTGGGGACTCCCTAGCTGGGCTGCCCG  
GAGGCTCTGGGAGGAGCAGCTGGCCTCCAGGAGGGTCCCAGAGTCCCCATTGTCCAGTCCCCAGGTCC  
CGGGGACGACCTGTGTTCTGACCTAGAGGAGATCCCGGAGGCTGAACTAAACCGGGTGCCTGCCGAGGGG  
CCAGATTTGGTGCCACATCCTTAGGCATCCTGACCACAGCTCGCCGGGCCAGAGTGTGTGGAGACCTT  
GG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA



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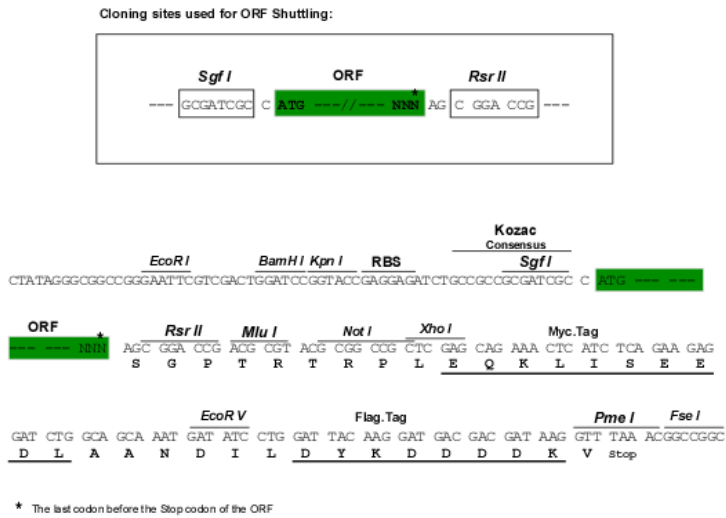
**Protein Sequence:** >RR204521 representing NM\_001013179  
 Red=Cloning site Green=Tags(s)

MRTVGKHGGTARCGQLRVDGPAGGCTGQGLSSRFQARKPLVEKRRRINESLQELRLLLAGTEVQAK  
 LENAEVLELTVRRVQGALRGRAREREQLQAEASERFAAGYIQCMEVHTFVSTCQ AIDATVSAELLNHL  
 ESMP LREGSSFRDLLGDSLALPGSGRSSWPPGGSPESPLSSPPGPGDDLCS DLEEIPEAELNRVPAEG  
 PDLVPTSLGILTTARRAQSVWRPW

SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-RsrII

**Cloning Scheme:**



**ACCN:** NM\_001013179

**ORF Size:** 702 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\_001013179.1, NP\_001013197.1

**RefSeq Size:** 1410 bp

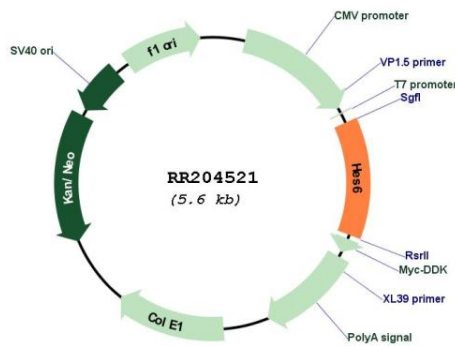
**RefSeq ORF:** 705 bp

**Locus ID:** 316626

**Cytogenetics:** 9q36

**MW:** 25.1 kDa

**Product images:**



Circular map for RR204521