

## Product datasheet for **RR203884**

### Hspa2 (NM\_021863) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hspa2 (NM_021863) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hspa2
Synonyms:	Hspt70; Hst70
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR203884 representing NM\_021863  
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC  
 GCC

ATGTCCGCCCGCGGCCGGCTATCGGCATCGACCTGGGCACCACTTACTCGTGCCTGGGGTCTTCCAAC  
 ATGGCAAGGTGGAGATCATCGCCAACGACCAGGTAACCGGACCACCCAGCTACGTGGCCTTCACCGA  
 CACCGAGCGCTTATCGGCGACGCCAAGAACCAAGTGGCCATGAACCCACAAAACCATCTTCGAC  
 GCCAAGCGGCTGATCGGACGGAAGTTCGAAGACGCCACGGTGCAGTCGGATATGAAGCACTGGCCGTTCA  
 GAGTGGTGAAGGTTGGGAAGCCAAAGTGCAGGTGGAATATAAAGGGGAGATGAAGACCTTCTTCCC  
 TGAGGAGATTTCTCCATGGTCTCACTAAGATGAAGGAGATCGCGAAGCCTACCTGGGGGCAAGGTG  
 CAGAGCGCAGTCATCACTGTTCTGCTATTTCAACGACTCGCAGCGCCAGGCCACCAAGGATGCGGGCA  
 CCATCACCGGTCTCAATGTATTGCGTATCATCAACGAACCCACAGCAGCGGCCATCGCTTATGGCCTGGA  
 TAAGAAGGGCTGCGCGGGCGGCGAGAAGAAGTGTCTCATCTTTGACCTGGGCGGGGCGACCTTCGATGTG  
 TCCATCTCACCATCGAGGATGGCATCTTCGAGGTCAAGTCCACGCGCCGCGACACCCACCTGGGTGGCG  
 AAGACTTCGACAACCGTATGGTCAGCCACCTGGCGGAGGAGTTCAAGCGCAAACAAGAAGGACATTGG  
 GCCAACAAGCGCGCTGTGCGCCGGCTGCGCACCCGCTGCGAGCGCGCTAAGCGCACCTGAGCTCGTCC  
 ACGCAGGCCAGCATCGAGATCGACTCGCTGTACGAGGGCGTGGATTTCTACACGTCCATCACCCGCGCC  
 GCTTCGAGGAGCTCAACGCCGATCTCTTTGAGGGACTCTGGAGCCGGTGGAAAAGGCGCTGCGCGATGC  
 CAAGCTAGACAAGGGCCAGATCCAGGAGATAGTGTGGTGGGCGGCTCTACCCGCATCCCTAAGTCCAG  
 AAGCTCCTGCAGGATTTCTTCAACGGCAAGGAGCTGAACAAGAGCATCAATCCCGACGAGGCGGTGGCCT  
 ACGGCGCCGCTGTGCAGGCGGCTATCCTCATTGGCGACAAGTCTGAGAAGTGCAGGATCTGCTGTTACT  
 CGACGTGACTCCCTTGTGCTTGGCATTGAAACAGCTGGCGGTGTCATGACCCCACTCATAAAGAGAAAC  
 ACCACCATCCCTACCAAGCAGACGACGACCTTCACTACCTACTCAGACAACCAGAGCAGCGTGTGGTGC  
 AAGTGTACGAGGGCGAACGGGCCATGACCAAGGACAATAACCTCTTGGGCAAGTTCGACCTAACTGGGAT  
 CCCTCCAGCACCCCGCGGCTCCCCAGATCGAGGTACCTTTGACATCGATGCCAACGGCATTCTTAAC  
 GTCACTGCTGCAGACAAGAGCACCGGCAAAAGAAAATAAATCACCATCACCAACGACAAGGGTGTCTGA  
 GCAAAGACGACATTGACCGGATGGTGCAGGAGGCAGCGGTACAATCGGAAGATGAAGCTAATCGCGA  
 TCGCGTGGCAGCAAAAACGCGTTGAGTCTATACTACAACATCAAGCAGACGGTGAAGACGAGAAA  
 CTGAGGGGCAAGATTAGCGAGCAGGACAAAACAAGATTCTCGACAAGTGTGAGGAGGTGATCAACTGGC  
 TTGACCGAAACCAGATGGCAGAGAAAGATGAGTACGAACAAGCAGAAAGAGCTTGAGAGAGTGTGCAA  
 CCCCATCATCAGCAAACCTTACCAAGGCGGTCCAGGCGGCGGCGCTCCTCTGGAGGACCCACATTGAG  
 GAAGTGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**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\\_021863.3](#), [NP\\_068635.1](#)

**RefSeq Size:** 2501 bp

**RefSeq ORF:** 1902 bp

**Locus ID:** 60460

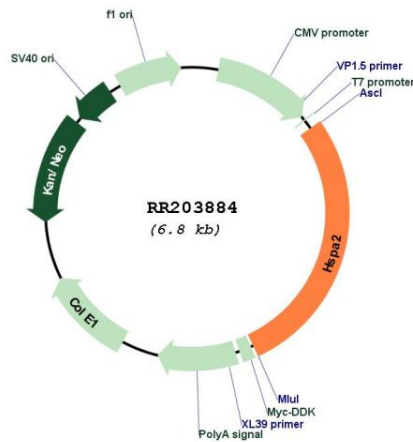
**UniProt ID:** [P14659](#)

**Cytogenetics:** 6q24

**MW:** 69.5 kDa

**Gene Summary:** involved in repeated binding and release of substrate [RGD, Feb 2006]

**Product images:**



Circular map for RR203884