

## Product datasheet for RC207168

### HSFY1 (NM\_033108) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HSFY1 (NM_033108) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HSFY1
Synonyms:	HSF2L; HSFY
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC207168 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCACATGTTTCTTCAGAACTCAAGATGTTTCCCCAAAGATGAATTAAGTCTTCAGAAGCTCCA  
CTAGGTCTCCATTGTGTGAACACACCTTCCCTGGGGACTCAGACTTACGGTCAATGATTGAAGAATGC  
TTTTAGGTTTGTGACAAAGGATCCTTGTAGAAAGTCCAAGTTACACAGTTTGTGTCTCTGAGCCAGAT  
AAAGATGATGATTTTCTTCTGAACTTCCAGGAACTTTGGAAAATAGTGGAAAGTGACCAATTCA  
AGTCTATTTTCATGGGATGAGAATGGAATTGCATAGTGATTAATGAAGAACTCTCAAGAAAGAAATTTT  
GGAAACAAGGCTCCTTACAGAATATTTCAAAGTATGCTATCAAAAGTTTTGTTTCGACAGCTCAACCTT  
TATGGATTTAGTAAAATCAACAGAATTTCAAAGATCTGCCTTTCTAGCCACCTTTCTGTGAGAAGAGA  
AAGAATCGTCTGTCTTAAGCAAGTTAAAGTTCTATTATAATCAAATTTCAAGCGTGGCTATCCCCAACT  
TTAGTAAAGAGTGAAGAGAAGAAATGGTGTAAAAATGCTTACCTATATCTACTTTATTCAACGAAGAT  
TTCAACAAGAAGCATTTTAGAGCAGGGGCTAACATGGAGAATCATAATTCTGCCTTAGCTGCTGAAGCTA  
GTGAAGAAAGTTTATTTTCAGCCTCTAAAAATTTAAATATGCCTTAACAAGGGAATCTTCTGTGACACA  
GATAATTGCAAATTCATCTGTCCCATTAGAAGTGGTTTCCCTCCTTCACTTCAACCTCAGTTGGA  
CCATCAGAACAAATGCAACAGATCAACATGCTATTTAAATCAGTTGACCACTATTCATATGCATCTC  
ATAGTACCTACATGCAAGCAAGGGGCCACATTGTGAATTTTATTACAACCACAACCTCTCAATACCCACAT  
CATATCTCCCTTACAAAATGTTATTTTGGGCTGACAGTGAACCATCTGCTGTTCCACACGATATCCT  
CTGGTATCAGTCAATGAGGCTCCATATCGTAACATGCTACCAGCAGGCAACCCGTGGTTGCAAAATGCCTA  
CGATCGCTGATAGATCAGCTGCCCTCATTCCAGGCTAGCTCTTCAACCATCACCCTGGACAAATATCA  
CCCTAATTACAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online >](#)



**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\\_033108.3](#)

**RefSeq Size:** 1448 bp

**RefSeq ORF:** 1206 bp

**Locus ID:** 86614

**UniProt ID:** [Q96LI6](#)

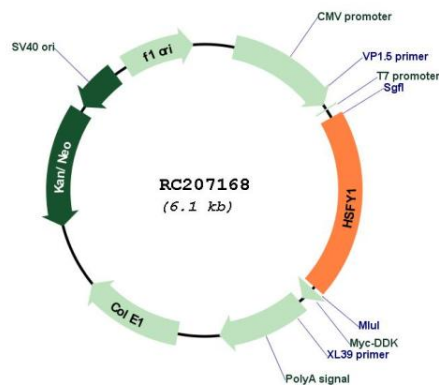
**Cytogenetics:** Yq11.222

**Protein Families:** Transcription Factors

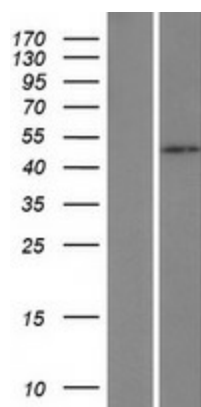
**MW:** 45.1 kDa

**Gene Summary:** This gene encodes a member of the heat shock factor (HSF) family of transcriptional activators for heat shock proteins. This gene is a candidate gene for azoospermia, since it localizes to a region of chromosome Y that is sometimes deleted in infertile males. The genome has two identical copies of this gene within a palindromic region; this record represents the more centromeric copy. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

### Product images:



Circular map for RC207168



Western blot validation of overexpression lysate (Cat# [LY409715]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC207168 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).