

Product datasheet for RC214577

HSFY1 (HSFY2) (NM_153716) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HSFY1 (HSFY2) (NM_153716) 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:	>RC214577 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCACATGTTTCTTCAGAACTCAAGATGTTTCCCCAAAGATGAATTAAGTCTTCAGAAGCTCCA
CTAGGTCTCCATTGTGTGAACACACCTTCCCTGGGGACTCAGACTTACGGTCAATGATTGAAGAATGC
TTTTCAGTTTTGTGACAAAGGATCCTTGTAGAAAGTCCAAGTTACACAGTTTGTGTCTCTGAGCCAGAT
AAAGATGATGATTTTCTTCTGAACTTCCCAGGAACTTTGGAAAATAGTGGAAAGTGACCAATTCA
AGTCTATTTTCATGGGATGAGAATGGAATTGCATAGTGATTAATGAAGAACTCTCAAGAAAGAAATTTT
GGAAACAAGGCTCCTTACAGAATATTTCAAAGTATGCTATCAAAAGTTTTGTTGACAGCTCAACCTT
TATGGATTTAGTAAAATCAACAGAATTTCAAAGATCTGCCTTTCTAGCCACCTTTCTGTGAGAAGAGA
AAGAATCGTCTGTCTAAGCAAGTTAAAGTTCTATTATAATCAAATTTCAAGCGTGGCTATCCCCAACT
TTAGTAAGAGTGAAGAGAAGAATTGGTGTAAAAATGCTTACCTATATCTACTTTATTCAACGAAGAT
TTCAACAAGAAGCATTAGAGCAGGGGCTAACATGGAGAATCATAATTCTGCCTTAGCTGCTGAAGCTA
GTGAAGAAAGTTATTTTCAGCCTCTAAAAATTTAAATATGCCTTAACAAGGGAATCTTCTGTGACAGA
GATAATTGCAAATTCATCTGTCCCATTAGAAGTGGTTTCCCTCCTTCACTTCAACCTCAGTTGGA
CCATCAGAACAAATGCAACAGATCAACATGCTATTTAAATCAGTTGACCACTATTCATATGCATCTC
ATAGTACCTACATGCAAGCAAGGGCCACATTGTGAATTTTATTACAACCACAACCTCTCAATACCCACAT
CATATCTCCCTTACAAAATGTTATTTTGGGCTGACAGTGAACCATCTGCTGTTCCACACGATATCCT
CTGGTATCAGTCAATGAGGCTCCATATCGTAACATGCTACCAGCAGGCAACCCGTGGTTGCAATGCCTA
CGATCGTGTAGATCAGCTGCCCTCATTCCAGGCTAGCTCTTCAACCATCACCCTGGACAAATATCA
CCCTAATTACAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_153716.2](#)

RefSeq Size: 1443 bp

RefSeq ORF: 1206 bp

Locus ID: 159119

UniProt ID: [Q96LI6](#)

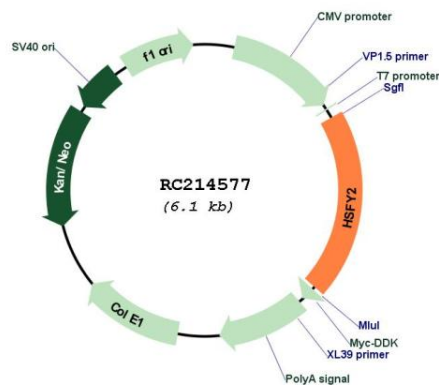
Cytogenetics: Yq11.222

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 telomeric copy. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC214577