

## Product datasheet for **SC330082**

### HSF2 (NM\_001243094) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** HSF2 (NM\_001243094) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** HSF2  
**Synonyms:** HSF 2; HSTF 2  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330082 representing NM\_001243094.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

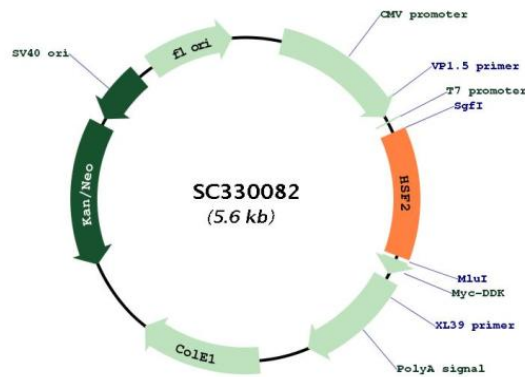
```
ATGAAGCAGAGTTCGAACGTGCCGGCTTTCCTCAGCAAGCTGTGGACGCTTGTGGAGGAAACCCACACT
AACGAGTTCATCACCTGGAGCCAGAATGGCCAAAGTTTCTGGTCTTGGATGAGCAACGATTTGCAAAA
GAAATTCTCCCAAATTTTCAAGCACAATAATATGGCAAGCTTGTGAGGCAACTGAATATGTATGGT
TTCCGTAAGTAGTACATATCGACTCTGGAATTGTAAAGCAAGAAAGAGATGGTCCTGTAGAATTTAG
CATCCTTACTTCAAACAAGGACAGGATGACTTGTGGAGAACATTAAGGAAGGTTTCATCTTCAAAA
CCAGAAGAAAATAAAATTCGTCCAGGAAGATTTAACAAAAATTATAAGTAGTGCTCAGAAGTTTCAGATA
AAACAGGAAACTATTGAGTCCAGGCTTCTGAATTAAGGAGTGAATGAGTCCCTTTGGAGGAGGTG
TCAGAATTACGAGCAAAGCATGCACAACAGCAACAAGTTATTCGAAAGATTGTCAGTTTATTGTTACA
TTGGTTCAAAAATAACCACTTGTGAGTTTAAACGTAAAAGGCCTCTACTTCTAAACACTAATGGAGCC
CAAAGAAGAACCTGTTTCAGCACATAGTCAAAGAACCAACTGATAATCATCATATAAAGTAATTTTT
TAG
```

**Restriction Sites:** Sgfl-Mlul



[View online »](#)

Plasmid Map:



ACCN: NM\_001243094

Insert Size: 693 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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\\_001243094.1](#)

**RefSeq Size:** 1088 bp

**RefSeq ORF:** 693 bp

**Locus ID:** 3298

**Cytogenetics:** 6q22.31

**Protein Families:** Transcription Factors

**MW:** 27 kDa

**Gene Summary:** The protein encoded by this gene belongs to the HSF family of transcription factors that bind specifically to the heat-shock promoter element and activate transcription. Heat shock transcription factors activate heat-shock response genes under conditions of heat or other stresses. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]  
Transcript Variant: This variant (3) contains a different 3' terminal exon compared to variant 1. This results in a frame-shift and a shorter isoform (c) with a distinct C-terminus compared to isoform a.