

## Product datasheet for **SC315808**

### HSF5 (NM\_001080439) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids

**Tag:** Tag Free

**Symbol:** HSF5

**Synonyms:** HSF 5; HSTF 5

**Vector:** pCMV6 series

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001080439, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGCGCTGCTCTCCACCCCATCAACCCCAACAATTCCCCGCCAAGCTGTGGCGC
CTGGTGAACAGCCCGCGCTACCGCTCCATCCGCTGGGACGGCCGCGCGAGGGGCTGCTT
ATCGATCAGCCGCTCTTCGAGGCCGAGCTGCTCAGCCGCCCGGGCCGGGGGCGGTGGC
GGGACTGCGGGGGCCGGGGCCGAGCCCGAGCTCTTCAAACACCAGCTTCACCAGCTTC
ATCCGCCAGCTCAACCTCTACGGCTTCCGCAAGGTGGTGTGGCGGGCCGGGGGCGGC
AAACCGGCAGGCAATGGGCCGCTCCATCACTTCCACAACCCGCACTTCCGCCGCGACCAG
CCACAGCTGCTCGTGCACTCAAGCGCCTCACCAGCGCCAACAAGGCCAAGCTGGCGGCC
GGCCTGGAGGTGCCCTGCCGCCGCCCAACCGCTTCCAGCGGTGCTCATCACCTCGGCC
TCCGCCGCCACCGGCCACTGCAGCACCAGCAGCCGCCGCCCGCGGGGCCCGGCC
GAGCCGCACGGACAGTGGCTGTAGGACAATTTACCGGTCAATTCGTCGAGATAGTTTG
TCTCCTTACTCCTGTATCAACTCCATCCCACGACCACAGTACTTACCCTCTGAAAGGT
TTAGATCGGACCCAGTTCCTCATAGAATATGGCAGAATCCCTTGAATGCATCCTGGA
CAAGTGGAGACATCTCCACATTTTCAATAAAGGGTTCCGTTTCTGTACTCCAGAGG
TTTCCAATGAGGTACCTATACACTGCAGCCAGCACCACATCTGTACATGTTCAACAA
GGTCCTCAAACAATGGTCAGCTCCTCCAAAAATACAGTAATACACACCTCAGCACAG
TACTCGCAAGCCTACTATCCAACAGCTGTGCTACAGTGCTGTTCTCCTACCCACATGGAT
GCTCTAAGTAGTTGTGCTCACTCCCAATGCCTCTTCTATGCACACTGCACTACTTCCAG
AATCCTTCAATGCAGTCTCCTATCCAGTTGAATTTTGCCTTCCAATTGGCCCTGCAGT
ACTACTGATGAAAATACAAAGACAGAAGTAAACCTAGAGGCTGTCTTTCAGATAGTTGAT
GAGTTGCATTCTCCCTAAATTGGAGATGGTAAAGGTGGAGCCTGTTGAGAATCAGTGC
CCAACATCTCCGCTTACAGAGGCCAACACATTTTAGCTAATTCTAACAACAGCAATCCA
TGTTCTGCAAGTCAGGCTAGCCAGCTGGAGCCACTTACTCCTGTAGGCTCAGATATTATG
TCTTTTGTGGTTGGAACAGAACAAGCAGTTGCCTGCTCTCTACCACAGTCACCTGAGTAC
ATCTATACCATCCACACAGCTCAGCCTGTTGAAAATAGCACAATACAGGAATCTGCAGCC
ATCCAGCAAGCTCATGTCAAATGAAGGAGCACCTAAATCATAATCCATCTCCATCTTCA
GTAGTATTTGTGCAGGAAGGGCCACCATTCAGCACACACAGGTGGATGCCAACATAAAA
TGCCAGACCAAGTTACGTGAGAATATCTTGCCGTCAGAACAGATGGGATTCTCATTTC
GAAATGGGGCTGCTAGCAAGCCTAGTGAAGACACAGGTTTAGCCACTCCAGCCAGATAC
AGAGAGCACAGAAGCAACTACAACAAGGAAAGTCCCTGATCTTCATCTGCTGGTGGAC
GTGGCCTGCAAGCAGGAGCGCTTTCCAAGGAGGAAGAATTAAGAGAG
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| <b>Restriction Sites:</b>     | Please inquire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ACCN:</b>                  | NM_001080439                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                          |
| <b>OTI Annotation:</b>        | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.                                                                                                                                                                                                                                                      |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                                    |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq:</b>                | <u><a href="#">NM_001080439.1</a></u> , <u><a href="#">NP_001073908.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>           | 4107 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1791 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 124535                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u><a href="#">Q4G112</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 17q22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Summary:</b>          | May act as a transcriptional factor.[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                                                                                     |