

## Product datasheet for **MG221921**

### Hsf4 (NM\_011939) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hsf4 (NM_011939) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Hsf4
Synonyms:	HSF 4; HSTF 4; HSTF4; ldis1; mHSF4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG221921 representing NM\_011939  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCAGGAAGCGCCAGCTGCGCTGCCACGGAGCCAGGCCCCAGCCCGGTACCTGCCTTCCTCGCAAGC  
 TATGGGCGCTGGTAGGCGACCCAGGCACCGACCACCTCATCCGCTGGAGCCCAGTGGCACCAGCTTCCT  
 CGTAAGTGATCAGAGCCGCTTCGCCAAGGAAGTGTGCCCCAGTACTTCAAGCACAGCAACATGGCGAGC  
 TTTGTTCCGCAACTCAACATGTATGGTTTTCGAAGGTGGTGGAGCATCGAGCAAGGTGGCCTGCTCAGAC  
 CAGAGCGTGACCAGTTGAGTTTCAGCATCCGAGCTTCGTGCGAGGCCGCGAGCAGCTACTGGAGCGGT  
 GCGCCGAAGGTACCTGCGCTGCGAGGCGATGACAGTCGATGGCGTCCGGAAGACCTGAGCCGACTGCTG  
 GGAGAGGTGCAAGCTTTGAGAGGAGTGCAGGAGACACGGAGGCACGGCTGCAGGAACCTCAGGCAGCAGA  
 ACGAGATCTTGCGGAGAGGTGGTAACTTTGCAGGAGCCACAGTCAGCAGCACCGGGTTCATCGGCAA  
 GCTAATCCAGTGCCTGTTGGGCCACTTCAGACAGGGCCAGCAGTACAGGAGCCAAGAGAAAATGTCC  
 CTAATGCTAGATGAGGGGAGCGCTGTTAGCATCTGCCAAATCAATGCCTGCCCTGTGTCTGGTGCTC  
 TCCTCCAGGACCCCTACTTTATCCAGTCGCTTCTCCTTGACGCCCTCCAGAGACCACGTTGGGCCTC  
 AGCCCTCACAGGGCCAGAGGGCCATCATCTCTGACATCCAGAAGATTCTCATCTCCTGAAGGACACA  
 GGCTTTCTCCCTCCGGTGGTTCAGGAGCACCCACCCTGCCCGTGGCTGTGGTGCAGGCCATCCTGG  
 AAGGAAAGGGGAGCTACAGCCCTGAGGGGCCAGGAGTGTACAACAGCCTGAACCAAGGGGCCCCAGGGA  
 GGTACCTGACAGGGGAACCTGAGGCTGGATCGGGTAACCGGAGCCAGAGAGTCTGCTACCCCAATG  
 CTGCTTCGGCTGCCCTGAAACTCTGGAGCCCGTGGCACCTGTGGATGTGCTCGGCCCTAGCCTGCATG  
 GACGAGAATGGACCTTGATGGATCTGGACATGGAGTTGTCTCTGATGCAGCCCTTGGCACCAGAGACGGA  
 TGAAGCAGAGCTGACGGTCAAGGAGTTGAATTCTTCTGGTGTAGGGAAAGACCACACTGGGAACCTCCA  
 CTCATGCTAGATGTCCAGGCGGATTTGGAGGTGCAGCCCTGTCTGTGCCTGGGGCTTAAACCTGTACA  
 ACGTCACCAGAGCAACGCCCTCCTACTTGGATCCTGGAGCCAGTCCCTCCTCTCCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG221921 representing NM\_011939  
 Red=Cloning site Green=Tags(s)

MQEAPAAPLPTTEPGSPVPAFLGKLWALVGDPTDHLIRWSPSGTSFLVSDQSRFAKEVLPQYFKHSNMA  
 FVRQLNMYGFRKVVVIEQGGLLRPERDHVEFQHPFVVRGREQLLERVRRKVPALRGDDSRWRPEDLSRL  
 GEVQALRGVQESTEARLQELRQNEILWREVVTLRQSHSQHRVIGKLIQCLFGPLQTGPSSTGAKRKL  
 LMLDEGSACSASAKFNACPVSGALLQDPYFIQSPSPCSPSQRPRAWALTGPEGSSLTQKILHLLKDT  
 GFLPPVAVAGAPPPLPVAVVQAILEGKGSYSPEGPRSVQQPEPRGPPEVPDRGTLGLDRGNRSPELPPM  
 LLRPAPETLEPVAPVDVLPVSLHGREWTLMDLMELESLMQPLAPETDEAELTVKELNSSGVGKDHTLGT  
 LMLDVQADLEGAALSVPALTLVNVTESNASYLDPGASPSSP

**TRTRPLE** - GFP Tag - V

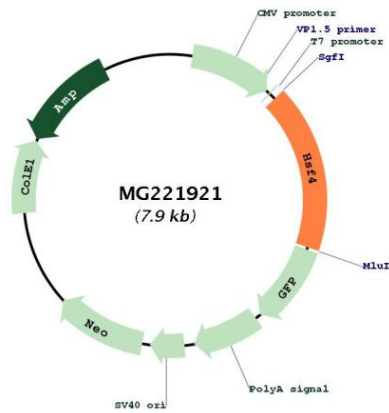
**Restriction Sites:**

SgfI-MluI



RefSeq Size: 1576 bp  
 RefSeq ORF: 1389 bp  
 Locus ID: 26386  
 UniProt ID: [Q9R0L1](#)  
 Cytogenetics: 8 D3  
 Gene Summary: DNA-binding protein that specifically binds heat shock promoter elements (HSE). The HSF4A isoform represses transcription while the HSF4B isoform activates transcription. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG221921