

Product datasheet for **MC219885**

Hsf5 (NM_001045527) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Hsf5
Synonyms:	Gm739; MLZ-220
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC219885 representing NM_001045527
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGGAGGCGCTGCTGTCCACCCCCATCAACCCCAACAACCTCCCCGCCAAGCTGTGGCGGCTGGTGA
 ACAGCCCTCGGTACCGCTCCATCCGCTGGGACGGCCGAGGCGAGGGGCTGCTCATCGACAGCCGCTCTT
 CGAGGCCGAGCTGCTCAGCCCCCGGGCGGGTGGCGGGGCGCGGGGGAGCCGGGAGCAGCGCGGG
 GGCGGGCGCAGCGGCTCGGGGCGGGCGGGGCGAGCCGGAGCTCTTCAAAACCAACAACCTCACCAGCT
 TCATCCGCCAGCTCAACCTCTACGGCTTCGCAAGGTGGTGGTGGTGGGCGGGGCGGGGCGGGGCGGG
 GCCCGGGCTGGGGCTGGCGGGCGGGCGGGCGAGCGGGCACTCCACCCTTCCACAGCCCGCATTTCCGC
 CGCGACCAGCTCAGTGTCTGTTACCTCAAGAGGCTCACCAGTGCCAACAAGGCCAAGCTGGCGGCCG
 GACTGGAGGTGCCCTGTGCGCCGCCAACCGTTCCAGCGGCTCCTCATCAGTCAGCTCCGCTCGGC
 CTCAGTTCTACCTCCCGCTGCAGCATCAGGACCCGCGCCCAACCTGCTGGGCTCGGCCAGAGCAG
 CATGGACAGTGGCTGTAGGACAATTTACCGGTCATTCCGGCGAGATAATTTGTCTCTTATTCTACG
 TATCAACTTCATCCCAACACAGCGCTTTCCCTCTGAAAGGTTAGATCGCACCCCGATTCTCCAG
 AACGTGGCAGAACCTCCCTTGAATGCACCTGGACAAGTGGAGAGCTCTCCACTTTTTAGATAAAGG
 GTTCCATTTCTGTACTGCAGAGATTTCAACTGAGGTTACATATACGTCGAGCCAGCGCCACATCTG
 TACACGTTCAACAAGTCTCTCAACGATGGTCAGCTCCTCCAAAAATATAGTAACACACCCCTCAGC
 GCAGTACTCCCAAGCCTACTATCCAACAGCTGTGCTGAGTGTCTCTCTCCACCCACATGGACGCC
 CTCAGCAGCTGTGCTACTCCTACTGCCTTCTCTATGCACACTGTAATTACTTCCAGAATCTCCAATGC
 AATCTTCTATCCAGTTGAATTTCTGCCTTCTAATTGGCCTTGAGTGTCTACTGATGAAAAAAGAGC
 AGAAGTAAATCTAGAGGCTGTCTTTCAGATAGTAGATGAGTTGCACTCCTCCCTAAGCTGGAGATGGTA
 AAGGTGGAGCCTGTTGAGACTCAGTGTCCGTCTCTCAGGCTAACAGAGGCCAGCATATCTTACCAATG
 CAAACAGCAGCAACCCATCTTCCACAGTCAGGCTAGCCAGCTGGAGCCACTCACTCTGTAGGCTCAGA
 TATTACGCTTTTGTGGTTGGAACAGAAAGCAATTACCTGCTCTCTACCACAGTCACCTGAGTACATC
 TATACCATCCACACAGCTCAACCTTTGGAAAAATAGCACAATGCAGGAATCTGCAACCATCCAACAACTC
 ATGTCAAACGAAGGAGCAGCTAAATCATAACCCATCTCCGTCTTCAAGTATTTGTGCAGGAAGGGCT
 ACCATTGACACACCGCAGGTGGATAGCAGTATAAAATGCCAGACCAATCCCTCGGAGAATATCTTGCCT
 TCAGAACAAATGGGATTCCTTATTTAGAAATGGGGCTGCTAACAAGTCTACTAAAGACACAGGTTTAT
 CCACTCCAGCTAGATACAGAGCGCAAGAAGCAACTCACAAGGAAAGTCCCTGATCTTCATCTGCTGGT
 GGAGCTGGCTGCAAGCAGGAACACTTCCCAAAGGAGGAGGAGTTAAAAGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001045527

Insert Size:

1875 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001045527.1, NP_001038992.1</u>
RefSeq Size:	4158 bp
RefSeq ORF:	1875 bp
Locus ID:	327992
UniProt ID:	<u>Q5ND04</u>
Cytogenetics:	11 C
Gene Summary:	May act as a transcriptional factor.[UniProtKB/Swiss-Prot Function]