

Product datasheet for **RR212728**

Hsf4 (NM_001106177) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hsf4 (NM_001106177) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hsf4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR212728 representing NM_001106177
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCGCTGGTAGGCGACCCAGGCACCCACCTCATCCGCTGGAGCCCGATGGTTTTCGGAAGGTGG
TGAGCATCGAGCAAGGTGGCTGCTAAGACCAGAGCGTGACCACGTTGAGTTTCAGCATCCGAGCTTCGT
GCGAGGCTGTGAGCAGCTACTGGAGCGCTGCGCCGCAAGTACCTGCGCTGCGAGGTGATGACACTCGA
TGGCGTCTGAAGACCTGGGCCGACTGCTGGGAGAGGTGCAAGCTTTGAGGGGAGTGCAGGAGAGCACGG
AGGCACGGCTGCAGGAACCTCAGGCAGCAGAACGAGATCTTGTGGCGAGAGGTGGTACGCTGCGGCAGAG
CCACAGTCAGCAGCACCGGGTCCATCGGCAAGCTAATCCAGTGCCTGTTTGGGCCACTTCAGACAGGGCCC
AGCAGTACAGGAGCCAAGAGAAAGCTGTCCCTAATGCTAGATGAGGGGAGTGCATGTTTCAGCATCTGCCA
AATTCAATGCCTGCCCTGTGTCTGGTCTCTGCTCCAGGACCCCTACTTTATCCAGTGCCTTCTACTTG
CAGCCCCCTCCAGAGACCACCGTGGCCCTCAGCCCTCACAGGGCCAGAGGGCCTATCATCTGACATCC
CAGAAGACTGCCATCTCCTGAAGGACACAGGCTTCTCCCTCCAGTGTGGCAGGAGCACCCCCACCGC
TGCCCGTGGCTGTGGTGCAGGCCATCCTGGAAGGAAAGGGAGCTTCAGCCCTGAGGGGCCAGGAGCAT
ACAACAGCCTGAACCAAGGGGCCCCAGGGAGGTACCTGACAGGGGAACTCTGGGCCTGGATCGCGGTAAC
CGGAGCCCAGAGAGTCTGCTGCCCCCGTGTCTGCTTCGGCCTCCCCCTGAAACTGTGGAGCCCATGGATG
CGCTGGGTCTAGCCTGCATGGACGAGAATGGACCTTGATGGATCTGGACATGGAGTTGTCTCTGATGCA
GCCTTTGGCTCCAGAGAGGGCTGAAGCTGAGCTGACAGTCAAGGACTTGACTTCTTCAGGTGTAGGGAAA
GACCACACGCTGGGAACCCCACTCATGCTAGATGTTTCAGGCGGATTTGGAGGGTGCAGCACTATCGGTGC
CTGGGGCTTTAACCTGTACAATGCCACCGAGAGCAATGCTTCTACTTGGATCCTGGAGCCAGTCCCTC
CTCTCCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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MGAGRRPRHRPPHLEPDGFRKVVSIQGGLLRPERDHVEFQHPFVVRGCEQLLERVRRKVPALRGDDTR
 WRPEDLGRLLGEVQALRGVQESTEARLQELRQNEILWREVVTLRQSHSQHRVIGKLIQCLFGPLQTGP
 SSTGAKRRLSLMLDEGSACSASAKFNACPVSGALLQDPYFIQSPSTCSPSQRPPWASALTGPEGLSSLTS
 QKTAHLLKDTGFLPPVLAGAPPPLPVAVVQAILEGKGSFSPEGPRSIQQPEPRGPREVDPDRGTLGLDRGN
 RSPESLLPPVLLRPPPETVEPMDALGPSLHGREWTLMDLDMELSLMQPLAPERAEELTVKDLTSSGVGK
 DHTLGTPLMLDVQADLEGAALSVPALTYNATESNASYLDPGASPSSP

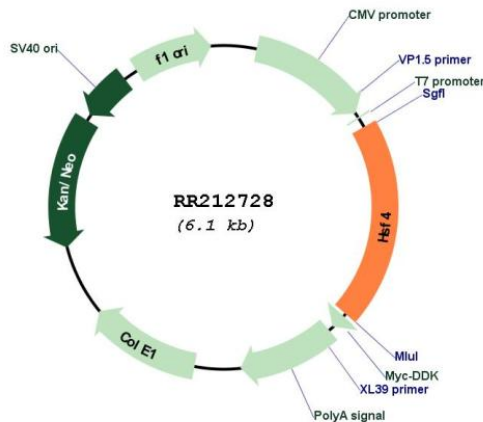
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001106177

ORF Size:	1197 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001106177.1 , NP_001099647.1
RefSeq Size:	1514 bp
RefSeq ORF:	1200 bp
Locus ID:	291960
Cytogenetics:	19q11
MW:	43.2 kDa