

Product datasheet for **MR209327**

Htf9c (BC027431) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Htf9c (BC027431) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Htf9c
Synonyms:	Htf9c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209327 representing BC027431
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGACTGCGGCCAGGATGCCAGTGTACCCAGCTCTGCGGCCCACTATGTCAAAAAGAGGAAG
 CAGGGCCTGGGCCAGCTGCAGGGCCTGGAACGCAGCCTGGGCTCTACAGCTACATAAGGGATGACTTGTT
 CACATCAGAAATCTTTAACTGGAGCTCCAAAATGTACCTCGCCACGCCAGCTTCAGTGACGTCCGGCGT
 TTTCTAGGCCGTTTTGGTCTACAGTCCCACAAAATCAAACCTTTGGACAGCCACCATGTGCCTTTGTAA
 CATTCCGAAGCGCTGCTGAACGAGACAAGGCCCTTGCAGTGTGCACGGTGTCTCTGAAAAGGCTGTCC
 GCTCAGCGTACGCTGGCCGACCCAAGGCTGACCCCATGGCTAGGAAGAGGGCGCAAGAAGGTGATAGT
 GAGCCATCAGTAACACAAATTGCCGATGTGGTACCCCTCTGTGGACAGTGCCCTACACTGAGCAGCTGG
 AGCAGAAGCGACTGGAATGTGAGCGGGTGTACAGAACTGGCCAAAGAAATGGGAACACTAATCGTGC
 CCTGCTACCTGGCTGCTTTTACAGAGACAACAGCACAATAAAGCTTGTGCCCCCTGGAGGGGGTCAAG
 CCATCACCCAGCAGACTGAATATCGTAATAAATGTGAATTCCTGGTCGGAGTTGGGGTAGACGGCAAGG
 ACAACACAGTTGGCTGCCGGCTTGGCAAGTACAAGGGTGAACATGTGCTGTGGCAGCTCCCTTTGACAC
 TGTGCACATTCAGAGGCCACTAAGCAGGTGGTGAAGGCCTTCCAGGAATTCATCCGTTCCACACCATAC
 TCGGCATATGACCCTGAGACATATACAGGCCACTGGAAGCAACTGACTGTTCTGACCAGCAGCCGAGGCC
 AGGCCATGGCCATTGCCTACTCCATCCCAGAAAAGTACTGCTGAGGAGGTGGCAGGACTAAAGGCCTC
 CCTGGTGTCCACTTCATGGAGGGGCCAGGCAAGGCCAGTGGGGTACCTCCCTCTACTTTGTGGAGGAG
 GGACAGAGAAAAGACTCCCAGCCAGGAAGGCCTGCCCTGGAGCATATGGCTGGCGACCACTGCATTGAGG
 AAGACTGCTAGGGTACCTTCCGATCTCCCTCATGCATTTCTCCAGTAAACACACACTGCAGCTGATGA
 GGTGCTCTACACAGTAATCCAGGAATGGGCACAGCTAGATGGGGCAGTACAGTGTGGACGTGGCTGTGCTGT
 GGCACTGGCACCATAGGCCTGGCCTGGCTCCGAAGGTGAAGAGAGTGTGGGAATTGAACTGTGCCAGG
 AGGCTGTGGAGGATGCCCGGATGAACGCCCTCACCAATGAGCTGAGCAATGTTGAGTTCCACTGTGGCAG
 GGCTGAGGATCTGGTGCCAGGTTTGGTGGCAGACTGTCTTCCATCACTTGTAGCTGTTCTAGACCCA
 CCACGGGCTGGCCTACATTCTAAGGTGATTCTGGCCATCCGAAAAGCTGAGAACATCAAGCGACTCCTGT
 ATGTTTCTGTAACCCAGGGCAGCCATGGGCAACTTTGTGGACCTCTGCAGGGCCCATCTAACCGAGT
 AAAAGGCACCCCATCCATCCAGTCAAGGCTGTGGCAGTGGACCTGTTCCACAGACTCCGCACTGTGAG
 ATGCTTATCTGTTTGGAGGATGCAACAACACCCCAATGGCATAGAAGCCCTGGAGCATCAAGAATTC
 AGACCCCAAGAAATCTTCTGATATCACTCCACAGGAAACAGAGATTTCCCTCTCA

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCACTCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209327 representing BC027431
 Red=Cloning site Green=Tags(s)

MEDCGQDASAVPSSAAPLCQKEEAGPGPAAGPGTQPGLYSYIRDDLFTSEIFKLELQNVPRHASFSDVRR
 FLGRFGLQSHKIKLFGQPPCAFVTFRSAERDKALRVLHGALWKGCPKSVRLARPKADPMARKRRQEGDS
 EPSVTQIADVVTPLWTPYTEQLEQKRLCERVLQKLAKEIGNTNRALLPWLQLRQQHNKACCPLEGVK
 PSPQQTEYRNKCEFLVGVVDGKDNTVGCRLGKYKGGTCAVAAPFDTVHIPEATKQVVKAFQEFIRSTPY
 SAYDPETYTGHWKQLTVRTSSRQAMAIAYFHPQKLSSEEVAGLKASLVCHFMEGPGKASGVTSLYFVEE
 GQRKTPSQEGLPLEHMAGDQCIQEDLLGLTFRISPHAFFQVNTPAAEVL YTVIQEWAQLDGGSTVLDVCC
 GTGTIGLALAPKVRVVGIELCQEAVEDARMNLTNELSNVEFHCGRAEDLVPGLYSRLSSHQLVAVLDP
 PRAGLHSHKIVILAIRKAENIKRLLYVSCNPRAAMGNFVLDL CRAPSNRVKGTFFHPVKAVAVDLFPQTPHCE
 MLILFERMQQHPNGIEALEHQEFQTPRNLDPITPQETEISLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: BC027431

ORF Size: 1806 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:**
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: [BC027431.1](#)

RefSeq Size: 2496 bp

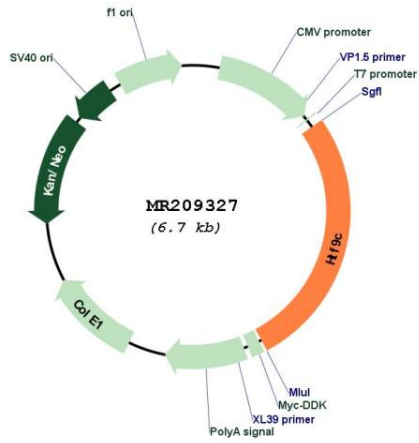
RefSeq ORF: 1808 bp

Locus ID: 15547

Cytogenetics: 16 11.31 cM

MW: 91.5 kDa

Product images:



Circular map for MR209327