

Product datasheet for **MG209327**

Htf9c (BC027431) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Htf9c (BC027431) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Htf9c
Synonyms:	Htf9c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG209327 representing BC027431
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGACTGCGGCCAGGATGCCAGTGTACCCAGCTCTGCGCCCCACTATGTCAAAAAGAGGAAG
 CAGGGCCTGGCCAGCTGCAGGGCCTGGAACGCAGCCTGGGCTCTACAGCTACATAAGGGATGACTTGTT
 CACATCAGAAATCTTTAACTGGAGCTCCAAAATGTACCTCGCCACGCCAGCTTCAGTGACGTCCGGCGT
 TTTCTAGGCCGTTTTGGTCTACAGTCCCACAAAATCAAACCTTTTGGACAGCCACCATGTGCCTTTGTAA
 CATTCCGAAGCGCTGCTGAACGAGACAAGGCCCTTGCAGTGTGCACGGTGTCTCTGAAAAGGCTGTCC
 GCTCAGCGTACGCTGGCCGACCCAAGGCTGACCCCATGGCTAGGAAGAGGGCGCAAGAAGGTGATAGT
 GAGCCATCAGTAACACAAATTGCCGATGTGGTACCCCTCTGTGGACAGTGCCCTACACTGAGCAGCTGG
 AGCAGAAGCGACTGGAATGTGAGCGGGTGTACAGAACTGGCCAAAGAAATGGGAACACTAATCGTGC
 CCTGCTACCTGGCTGCTTTACAGAGACAACAGCACAATAAAGCTTGTGCCCCCTGGAGGGGTCAAG
 CCATCACCCAGCAGACTGAATATCGTAATAAATGTGAATTCCTGGTCGGAGTTGGGGTAGACGGCAAGG
 ACAACACAGTTGGCTGCCGGCTTGGCAAGTACAAGGGTGAACATGTGCTGTGGCAGCTCCCTTTGACAC
 TGTGCACATTCAGAGGCCACTAAGCAGGTGGTGAAGGCCTTCCAGGAATTCATCCGTTCCACACCATAC
 TCGGCATATGACCCTGAGACATATACAGGCCACTGGAAGCAACTGACTGTTCTGACCAGCAGCCGAGGCC
 AGGCCATGGCCATTGCCTACTCCATCCCAGAAAAGTACTGCTGAGGAGGTGGCAGGACTAAAGGCCTC
 CCTGGTGTCCACTTCATGGAGGGGCCAGGCAAGGCCAGTGGGGTACCTCCCTCTACTTTGTGGAGGAG
 GGACAGAGAAAAGACTCCCAGCCAGGAAGGCCTGCCCTGGAGCATATGGCTGGCGACCACTGCATTGAG
 GGTGCTCTACACAGTAATCCAGGAATGGGCACAGCTAGATGGGGCAGTACAGTGTGGACGTGTGCTGT
 GGCACTGGCACCATAGGCCTGGCCTGGCTCCGAAGGTGAAGAGAGTGTGGGAATTGAACTGTGCCAGG
 AGGCTGTGGAGGATGCCCGGATGAACGCCCTCACCAATGAGCTGAGCAATGTTGAGTTCCACTGTGGCAG
 GGCTGAGGATCTGGTGCCAGTTTGGTGGCAGACTGTCTTCCATCACTTGTAGCTGTTCTAGACCCA
 CCACGGGCTGGCCTACATTCTAAGGTGATTCTGGCCATCCGAAAAGCTGAGAACATCAAGCGACTCCTGT
 ATGTTTCTGTAACCCAGGGCAGCCATGGGCAACTTTGTGGACCTCTGCAGGGCCCCATCTAACCGAGT
 AAAAGGCACCCCATCCATCCAGTCAAGGCTGTGGCAGTGGACCTGTTCCACAGACTCCGCACTGTGAG
 ATGCTTATCTGTTTGGAGGATGCAACAACCCCAATGGCATAGAAGCCCTGGAGCATCAAGAATTC
 AGACCCCAAGAAATCTTCTGATATCACTCCACAGGAAACAGAGATTTCCCTCTCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG209327 representing BC027431
 Red=Cloning site Green=Tags(s)

MEDCGQDASAVPSSAAPLCQKEEAGPGPAAGPGTQPGLYSYIRDDLFTSEIFKLELQNVPRHASFSDVRR
 FLGRFGLQSHKIKLFGQPPCAFVTFRSAERDKALRVLHGALWKGCPKSVRLARPKADPMARKRRQEGDS
 EPSVTQIADVVTPLWTPYTEQLEQKRLCERVLQKLAKEIGNTNRALLPWLQLRQQHNAKCCPLEGVK
 PSPQQTEYRNKCEFLVGVGVDGKDNVTGCRGKYGKGTCAVAAPFDTVHIPEATKQVVKAFQEFIRSTPY
 SAYDPETYTGHWKQLTVRTSSRQAMAIAYFHPQKLSSEEVAGLKASLVCHFMEGPGKASGVTSLYFVEE
 GQRKTPSQEGLPLEHMAGDQCIQEDLLGLTFRISPHAFFQVNTPAAEVLVTYVIQEWALDGGSTVLDVCC
 GTGTIGLALAPKVKRVVGIELCQEAVEDARMNALTNELSNVEFHCGRADLVPLVSRLLSSHQLVAVLDP
 PRAGLHSHKIVILAIRKAENIKRLLYVSCNPRAAMGNFVDLGRAPSNRVKGTFFHPVKAVAVDLFPQTPHCE
 MLILFERMQHPNGIEALEHQEFQTPRNLDPITPQETEISLS

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

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:	BC027431.1
RefSeq Size:	2496 bp
RefSeq ORF:	1808 bp
Locus ID:	15547
Cytogenetics:	16 11.31 cM