

Product datasheet for MC209974

H1f9 (NM_018792) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	H1f9 (NM_018792) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	H1f9
Synonyms:	H1.9; Hi; Hils1; TIS; TISP64
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209974 representing NM_018792 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGCTCAAATGGTGGCTGGAGACCAAGATGCCGGCACACTGTGGGTCCCAAGCCAGAGTGAGAGTCAAA
 CTGAGTCCGACATCAGTACCCAAAGCCTGCGGAAGCCACCATGTCGTATGTGATTCTGAAGACTTTGGC
 TGACAAGCGGGTACATAATTGTGTGTCCCTTGCTACCTGAAGAAAGCTGTGTCTATCACAGGGTACAAT
 ATGACCCATAACACCTGGCGCTTCAAGCGTGTGCTCCAGAATCTACTCGATAAAGGCATGATCATGCATG
 TGACCTGTGCAAGGGTGCCTCCGGCTCCCTCTGCCTGTGCAAGGAGCGGGCCCTCAAGTCCAACCACAG
 GGCCAAGAGATGCCAGGACAGACAGAAGAGCCAGAAGCCTCAGAAGCCTGGGCAGCGTGAGTCTGAACCA
 TGCCAATTGCTACTAAGCTCCAAAAGAAGAATGACCAGCTTTTCAAAGGAGTCCGTAGGGTGGCCAAAG
 GCAACCGCCATTGCCATTATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_018792
Insert Size:	513 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).


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_018792.2 , NP_061262.1
RefSeq Size:	864 bp
RefSeq ORF:	513 bp
Locus ID:	54388
UniProt ID:	Q9QYL0
Cytogenetics:	11 D
Gene Summary:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. The protein encoded is a replication-independent histone that is expressed in nuclei of late maturing spermatids. [provided by RefSeq, Nov 2015]