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Product datasheet for MC207792

H3c15 (NM_054045) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	H3c15 (NM_054045) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	H3c15
Synonyms:	H3-614; H3.2-614; H3c2; H3c3; H3c4; H3c6; H3c7; H3c13; H3c14; Hist2h3; Hist2h3c2; Hist2h3c2-ps; Hist2h3ca1; M32461
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207792 representing NM_054045 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCCCGTACGAAGCAGACTGCCCGCAAGTCCACCGGCGGCAAGGCCCCGCGCAAGCAGCTGGCCACCA AGGCCGCCCGCAAGAGCGCCCCGGCCACGGGCGGCGTGAAGAAGCCGCACCGCTACCGGCCCGGCACCGT GGCGCTGCGGGAGATCCGGCGCTACCAGAAGTCGACCGAGCTGCTGATCCGCAAGCTGCCGTTCCAGCGC CTGGTGCGCGAGATCGCGCAGGACTTCAAGACGGACCTGCGCTTCCAGAGCTCGGCCGTCATGGCGCTGC AGGAGGCGAGCGAGGCCTACCTGGTGGGGCTGTTCGAGGACACCAACCTGTGCGCCATCCACGCCAAACG CGTCACCATCATGCCCAAGGACATCCAGTTGGCCCGCCGCATCCGTGGGGAGCGCGCTTAA AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC TGGATTACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-RsrII
ACCN:	NM_054045
Insert Size:	411 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:	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_054045.4, NP_473386.1
RefSeq Size:	649 bp
RefSeq ORF:	411 bp
Locus ID:	97114
UniProt ID:	P84228
Cytogenetics:	3 F2.1
Gene Summary:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. [provided by RefSeq, Aug 2015]

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