

## Product datasheet for **SC322195**

### **HMGN4 (NM\_006353) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	HMGN4 (NM_006353) Human Untagged Clone
Tag:	Tag Free
Symbol:	HMGN4
Synonyms:	HMG17L3; NHC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for SC322195  
TCTGTCTTAGGGCTGGTCTGGCCCTGCCACGCCTAGGGCTCCGGCGCGTCACGGGCCT  
CAGCTGGGATCCCGCGCCCTCGGACGGCCACGAGACTCGGACATCTTTCCAGGAACAG  
CGTGAGGAGGACAGAAGCACCCAACAGGACTGCTCAAGCCACCTGCGAACACTGCTGCTA  
CCATGCCAAGAGAAAGGCAAAAGGAGATGCTAAAGGTGATAAAGCAAAGGTGAAGGATG  
AGCCACAGAGGAGATCAGCTCGGTTGTCTGCTAAACCAGCTCCTCCAAAACAGAGCCCA  
GGCCTAAAAGGCCTCTGCAAAGAAGGGAGAGAAGCTTCCAAAAGGGAGAAAGGGGAAAG  
CAGATGCTGAAAAGGATGAAAACAACCCTGCAAAAACCGAGATGCCTCTACACTCCAGT  
CCCAGAAAAGCGGAAGGCACTGGGGATGCCAAGTGAATGTACATTTTTGAGAGCTCTGTA  
CTTATAGTGACTCTACTGTTTGAATACTATTTTTTAAATCAAGTTTTATAAAAGTGTA  
GAATTTTGGCTTTTTAAGTTATGTTGTTAGCACACAGGACACTTCCTTGTGTCTTTTG  
TGGAAAGGGCAAGTACCACTAATAGGGTGTATCTCAGAACTGAATTGAAATAAGGGAAA  
ATAGGATTTTCTGCTGGTTTTGAAGATTGTTCTTGATTCCCTTGATTCCCAGGAGAG  
ATTCTCTGACATTCAGTGTGAGCCACTTGGCACGGAAGCCTTACAGTGTGGGGAACCA  
AAACTTCGTGTCTCCTTTCCCGATGCCATCAGCATAGACTTGACTTCCTTAAACCGA  
GAGTTTTGATGTGGCCTTGGCAACCCTAAAATCAGCTGTGTTAGTTAACAAAACCTCAGGC  
TTTCTGTTGATGACATCGAGATGGTGTCACTTAAAAGAGCCAAGATTCCTGTTTTCAGTT  
TGTGGATTCATCCTGCTGGTTTTACTTTAGTCCCTCCATGTCAAAGTGGGCCTGAGAAAA  
GCTCATACATGCCTCATGTGAAGTGTCCACCCTCTCTGAAAATCTTTCTGTTCAAAACA  
GCAACGACATATCTTGTTAACTTTACGGTGACTTTTGGAGGAGGGGAGTTTGGAAATTG  
TAAAATGTTATAGATTGTTGCCTATTTCTGCTGAAAAGTAAATGTTTTAAAAAGTATCA  
TATAAAGCTGAATACAAATTGGTTTGGGGGAGATCCTTCCCTACCAAAGTCATAAATA  
TATTCCTTACTGCCTTGTGGAAATTTATAGTTTTGCCTTTCACATTTGTCTTTAGTCTG  
TCCTGAACTGATTTTTGTGAAAATTATGAGTTAGAAAATTCAACTTAACATTTTTTCATATT  
CGAAGTGGTTGTCTCTGCACTATTTACTGAAAAGTTCATCCTTTCCCAAGTATTGTAA  
CACTGCCTCTTTCATAAATTAATTTTTGTGTATGTGTGGGTCTTTGATGGTTTCTA  
TTCTGACTGACATCAATTTGTCTAATCTGTAGCAGTACAGTACAGTCTGATTACTGCA  
ACTTTAGGAAAAGGTCTGATAAAAACCAAGATGCCTCCACATTTTGCATAATTGTAACC  
AATTTACCTCTGTCTCCAGTATCACCACAAAATTGTTCTTCTGGAGTGTCTGGCTA  
TTCTTAGCCAAGTTCCTCCATATTACTTCTAGAATTAGACCAACAATTTATAAATCAA  
ACAAACCAAGAGCATTGAAATTTTATTGATTGGATTGATTGAATTTATAGATTAATCTGG  
TAAACCATGTCATCTTTACAATGTTGTCTTCCAATACATGAATATGGTACAGCTTTCAT  
TTACTTAGGCCTTTGAAATATCTTTCAATAAAGTTTATAATTTCTCAAAAAAAAAAAAA  
AAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_006353

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_006353.2](#), [NP\\_006344.1](#)

**RefSeq Size:** 1980 bp

**RefSeq ORF:** 273 bp

**Locus ID:** 10473

**UniProt ID:** [O00479](#)

**Cytogenetics:** 6p22.2

**Gene Summary:** The protein encoded by this gene, a member of the HMGN protein family, is thought to reduce the compactness of the chromatin fiber in nucleosomes, thereby enhancing transcription from chromatin templates. [provided by RefSeq, Mar 2013]