

Product datasheet for **SC116141**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116141 sequence for NM_006353 edited (data generated by NextGen Sequencing) ATGCCCAAGAGAAAGGCCAAAAGGAGATGCTAAAGGTGATAAAGCAAAGGTGAAGGATGAG CCACAGAGGAGATCAGCTCGGTTGTCTGCTAAACAGCTCCTCCAAAACAGAGCCAGG CCTAAAAAGGCCTCTGCAAAGAAGGGAGAGAAAGCTTCCCAAAGGGAGAAAGGGGAAAGCA GATGCTGGAAAGGATGGAAACAACCTGCAAAAAACCGAGATGCCTCTACACTCCAGTCC CAGAAAGCGGAAGGCACTGGGGATGCCAAGTGA Clone variation with respect to NM_006353.2 198 g=>a



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006353 unedited</p> <pre>GGTTCAA AATTGTATACGACTCATATAGGCGGCCGCAATTCGGCACGAGGGCAACTTGC TATTTTCTTCGGCATTATTCCTTGAGATTATCCTCGTTTTTGAACCTACCTGTAATC TATTTGTTCTGCTGCTGAATGGTATTCCTTTTATACATACTACCAAAATATATGCATC CCTTCTACTATTGAAGGACATTTGGGTGATTTACAGGTTTTTGAATACAGTGTGCTA GAAACATTCCTGTGGAGATCTCCTGTCCACACCTCCAAGAATCCCTCTAAGTAAACACCT AGAAGTAAAATTGCTTTACACAATACCACTGTTTGCAGAGTGCTTTACAAATAACCACTG TTTCCAAAAGCAAATACACTAATTGGCACACACACAGCAGTACATAAGGGTTTTGATT GCTCCATATCAGCTGAGCCCTTGATATTGTCAGACAACCTTGTTTTCTCAGTTTGATAG ATATGAAATGTTATATCCTATGCTTTTAAATATGTACTTCTATATATTTTAGGTGCTTA TTCCTCACTCATGCTTCCAAGAAGTACCTGTTAACATTTTTTGCATAGTTTTAAATTT TCATTTTGTCTTCTCATGGATCTATAGGAATGCTTTATGATTTCAGGATTCTAACAT TTTGTCCATTATATTTTACATATATCTTTGCCAAGCTGGTACTTATTGNTTACTTTT ATTATGCTATCTTNTTGATATACACGAATTATTAACAATATAGTCAATTTGATTTTTAA CGTTTACATTGGTCAGTCTTTTCTTTATGGTTTACGCTTTTTGTGCTTGTAAAAGAC ATCTTCCAGGACAGCGTGAGGAGGACANAAGCACCCNACAGACTGCTCAAGCACCTGCG AACACTGCTGC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006353 unedited</p> <pre>ACCGCAGGCCGCAATTTAGNATCGAGTTTTTTTTTTTTTTTTTTTTTGGAGAAAATATAAACT TTATTGAAAGATATTTCAAAGGCCTAAGTAAATGAAGAGCTGTACCATATTCATGTATTG GAAGACAACATTGTAAGATGACATGGTTTACCAGATTAATCTATAAATCAATACAAAT CCAATCAAATTTCAATGCTCTTGGGTTTGTGATTTATAAATGTTGGTCTAATTCTA GAAGTAATATGGAGGAACAGTTGGCTAAGAATAGCCAAGACACTCCAAGGAAGAACAATT TTGTGGTGATACTGGAGACAGAGGTGAAATTTGTTTACAATTATGACAAAATGTGGAGGCA TCTTGGTTTTTATCAGACCTTTTCTAAAGTTGCAGTAATCAGGACTGTACTGTACTGCT ACAAGATTAGACAAAATTGATGTCAGTCAGAATAGAAACCATCAAAGACCCACACACATA CACAAAATTTAATTTATGAAAGAGGCAGTGCTACAAATCACTGGGGAAAGGATGAACCT TTCAGTAAATAGTGCAGAGACAACCACTTCGAATATGAAAAACGTTAAGCTGAACCTTA ACCTATAAAAATTCACAAAATCAGTTTCCAGGACAGACTAAAGAACAATGTGAAAAGGCAAA ACCTATAAAAATTCACACAAGGCCACAAAGAATATATTTATTGACTTTTCGGTAGGAAATGA TCTCTCCACACCAATTCGATTCAAGCTTATATGATCCTTTTTAAAACATTTACTTTT ACCAGGAAATAGGCACACTCTATACATCTTAAAATTTCCCAAATCCCCTCTCCAAAAGTC CCCGAAAAGTTACCAGAAATGGTCTTTGTGGCTCGAACACAAAAATTTAAAAGGTG GAGCTTACCTGAAGCATGTATGATCTTTTTTAGGCCCTCTGAATTGAGG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_006353
Insert Size:	2650 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).
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_006353.1](#), [NP_006344.1](#)

RefSeq Size: 1991 bp

RefSeq ORF: 1980 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]