

Product datasheet for **SC126839**

HMG14 (HMGN1) (NM_004965) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HMG14 (HMGN1) (NM_004965) Human Untagged Clone
Tag:	Tag Free
Symbol:	HMG14
Synonyms:	HMG14
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_004965, the custom clone sequence may differ by one or more nucleotides

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ATGCCCAAGAGGAAGGTCAGCTCCGCCGAAGGCGCCGCAAGGAAGAGCCCAAGAGGAGATCGGCCGCGGT  
TGT CAGCTAAACCTCCTGCAAAAGTGGAAAGCGAAGCCGAAAAAGGCAGCAGCGAAGGATAAATCTTCAGA  
CAAAAAAGTGCAACAAAAGGGAAAAGGGGAGCAAGGGAAAACAGGCCGAAGTGGCTAACCAAGAACT  
AAAGAAGACTTACCTGCGGAAAACGGGAAAACGAAGACTGAGGAGAGTCCAGCCTCTGATGAAGCAGGAG  
AGAAAGAAGCCAAGTCTGATTAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004965 unedited CCCCCCCCACAACCCCCCAACCCNCCTGTTCAATTTGTATACGACTCACTATAG GCGGCCGCGNAATTCGCACCAGCCTTCTGATGAAGCAGAGAGAAAGAACCAAGTCTGATT AATAACCATATACCATGTCTTATCAGTGGTCCCTGTCTCCCTTCTGTACAATCCAGAGG AATATTTTTATCAACTATTTTGTAAATGCAAGTTTTTTAGTAGCTCTAGAAACATTTTTA AGAAGGAGGGAATCCCACCTCATCCCATTTTTTAAGTGAAATGCTTTTTTTAAGAGGT GAAATCATTTGCTGGTTGTTATTTTTTGGTACAACCAGAAAATAGTGTGGGATATTGAA TTATGGGAGGCTCTGACTGTCTCGGGTGCAGCTTAACATTCCACAGATGGGGGGTTAGT TTTTATATCCTATAATACAAAGCATATTAATGGCAATATGGAGTCAGTCTGCATTTAA TGTCTTGAACATTTTAAATTACTTCTATTACCATGTTGTTTTTTAGTAGAATTGTTTCCT AAAGAAAACCACTCTTTGATCATGGCTCTCTGCCAGAATTGTGTGCACTCTGTAACAT CTTTGGTTGTGGTAGTCTGTTTCCTAATAACTTTGTTACTGTGCTGTGAAAGATTACA GATTTGAACATGTAGTGTACGTGCTATTGAGTTGTGAAGTGGTGGCCGTATGTAACAGC TGACCAACGTGAAGATACTGGTACTTGATAGCCTCTTAAGGAAAAATCTGCTTCAAATT TTAAGCTGGAAGTCCACTGAATAACTTTAAAAAAGATTACAATACATGGCCTTTTTGCAT TTCCCTACCTATGTAAAGATTGTGTACAATGAAAGTCTGTACTGATCCTCAACCATAAA ATCTCAGTTTGAAACTACAACCAAAAACCCATCNC
Restriction Sites:	NotI-NotI
ACCN:	NM_004965
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:	<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:	NM_004965.6 , NP_004956.5
RefSeq Size:	1313 bp
RefSeq ORF:	303 bp
Locus ID:	3150
UniProt ID:	P05114
Cytogenetics:	21q22.2
Protein Families:	Transcription Factors

Gene Summary:

The protein encoded by this gene binds nucleosomal DNA and is associated with transcriptionally active chromatin. Along with a similar protein, HMG17, the encoded protein may help maintain an open chromatin configuration around transcribable genes. [provided by RefSeq, Aug 2011]