

## Product datasheet for RC200536

### HEXIM1 (NM\_006460) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HEXIM1 (NM_006460) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HEXIM1
Synonyms:	CLP1; EDG1; HIS1; MAQ1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC200536 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCGAGCCATTCTTGTGAGAATATCAACACCAGCCTCAAAGTACCACTGTACAGGTGCTGCTGCTG  
TCCAGGAAGAGCTGAACCCTGAGCGCCCCCAGGCGCGGAGGAGCGGGTGCCGAGGAGGACAGTAGGTG  
GCAATCGAGAGCGTTCCCCAGTTGGGTGGCCGTCGGGGCCGGAGGGGAAGGGAGCCTGGAATCCCAA  
CCACCTCCCTTGACAGCCAGGCCTGTCCAGAATCTAGCTGCCTGAGAGAGGGCGAGAAGGGCCAGAATG  
GGGACGACTCGTCCGCTGGCGGGCAGTTCGCCGCCCGGAGAGTGGAGCCGACGCCGAGGCCGAGCT  
GCTCGCCAGCCTTGTCATGACTCCGAGGCCAGTAAGTTGGGGGCTCCTGCCGAGGGGGCGAAGAGGAG  
TGGGGACAGCAGCAGAGACAGCTGGGAAGAAAAACATAGGAGACGCCCGTCCAAGAAGAAGCGGCATT  
GGAAACCGTACTACAAGCTGACCTGGGAAGAGAAGAAAAGTTTCGACGAGAAACAGAGCCTTCGAGCTTC  
AAGGATCCGAGCCGAGATGTTTCGCAAGGGCCAGCCGGTCCGCCCTATAACACCACGCAGTTCCTCATG  
GATGATCAGACCAGGAGGAGCCGACCTCAAACCGGCCTGACTCCAAGCGGGCCGCCCAAATCCG  
ACGACACCAGCGATGACGACTTCATGGAAGAAGGGGTGAGGAGGATGGGGCAGCGATGGGATGGGAGG  
GGACGGCAGCGAGTTTCTGACGCGGACTTCTCGGAGAGGTACGAGCGGTACCACACGGAGAGCCTGCAG  
AACATGAGCAAGCAGGAGCTCATCAAGGAGTACCTGGAAGTGGAGAAGTGCCTCTCGCGCATGGAGACG  
AGAAACAACCGGCTGCGGCTGGAGAGCAAGCGGCTGGGTGGCGACGACGCGGTGTGCGGGAGCTGGAGCT  
GGAGCTGGACCGGCTGCGCGCCGAGAACCTCCAGCTGCTGACCGAGAACGAACTGCACCGGCAGCAGGAG  
CGAGCGCCGCTTTCAAGTTTGGAGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC200536 protein sequence  
 Red=Cloning site Green=Tags(s)

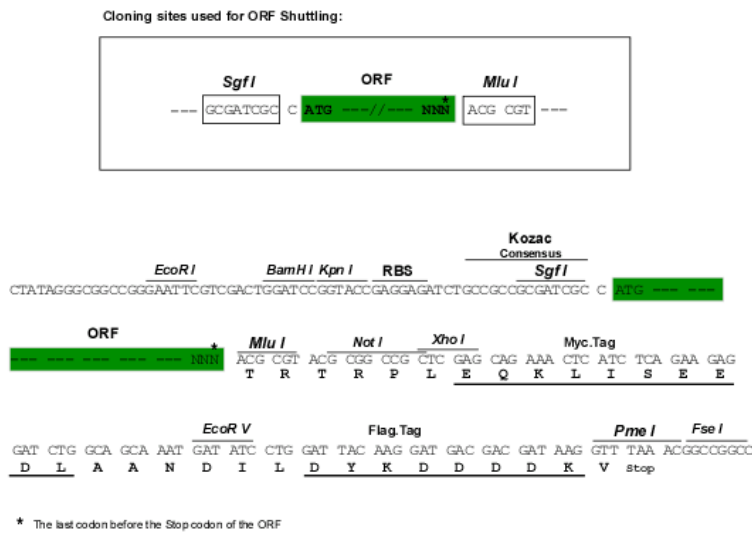
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 PPPLQTQACPESSCLREGEKQNGDDSSAGGDFPPPAEVEPTPEAELLAQPCHDSEASKLGAPAAGGEEE  
 WGQQRQLGKKKHRRRPSKKKRHWKPYKLTWEEKKFDEKQSLRASIRAEMFAKGPVAPYNTTQFLM  
 DDHDQEEPLKTLGLYSKRAAAKSDDTSDDDFMEEGGEEDGGSDGMGGDGSSEFLQRDFSETYERYHTESLQ  
 NMSKQELIKEYLELEKCLSRMEDENRRLRLSKRLGGDDARVRELELELDRLRAENLQLLTENELHRQQE  
 RAPLSKFGD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

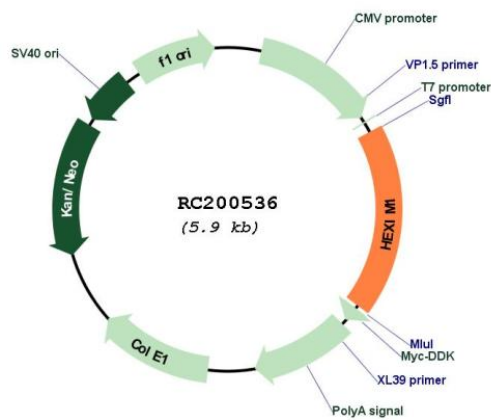
Chromatograms: [https://cdn.origene.com/chromatograms/mk6277\\_b04.zip](https://cdn.origene.com/chromatograms/mk6277_b04.zip)

Restriction Sites: SgfI-MluI

Cloning Scheme:

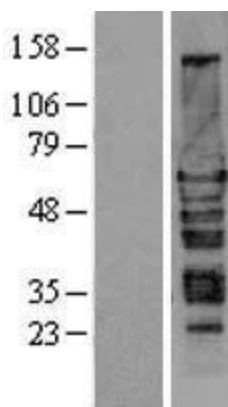


Plasmid Map:



ACCN:	NM_006460
ORF Size:	1077 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_006460.3</a>
RefSeq Size:	4785 bp
RefSeq ORF:	1080 bp
Locus ID:	10614
UniProt ID:	<a href="#">O94992</a>
Protein Families:	Transcription Factors
MW:	40.6 kDa
Gene Summary:	Expression of this gene is induced by hexamethylene-bis-acetamide in vascular smooth muscle cells. This gene has no introns. [provided by RefSeq, Jul 2008]

### Product images:



Western blot validation of overexpression lysate (Cat# [LY416644]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200536 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).