

Product datasheet for **RG200536**

HEXIM1 (NM_006460) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: HEXIM1 (NM_006460) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: HEXIM1
Synonyms: CLP1; EDG1; HIS1; MAQ1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG200536 representing NM_006460
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGAGCCATTCTTGTGAGAATATCAACACCAGCCTCAAAGTACGAACTGTACAGGTGCTGCTGCTG
TCCAGGAAGAGCTGAACCCTGAGCGCCCCAGGCGGGAGGAGCGGGTGCCTGAGGAGGACAGTAGGTG
GCAATCGAGAGCGTTCCCCAGTTGGGTGGCCGTCGGGGCCGGAGGGGAAGGGAGCCTGGAATCCCAA
CCACCTCCCTTGACAGCCAGGCTGTCCAGAATCTAGCTGCCTGAGAGAGGGCGAGAAGGGCCAGAATG
GGGACGACTCGTCCGCTGGCGGCGACTTCCCGCCCGCGCAGAAGTGGAGCCGACGCCGAGGCCGAGCT
GCTCGCCAGCCTTGTCATGACTCCGAGGCCAGTAAGTTGGGGGCTCCTGCCGAGGGGGCGAAGAGGAG
TGGGGACAGCAGCAGAGACAGCTGGGGAAGAAAAACATAGGAGACGCCGTCCTCAAGAAGAAGCGGCATT
GGAAACCGTACTACAAGCTGACCTGGGAAGAGAAGAAAAAGTTTCGACGAGAAACAGAGCCTTCGAGCTTC
AAGGATCCGAGCCGAGATGTTTCGCAAGGGCCAGCCGGTCCGCGCCTATAACACCACGCAGTTTCTCATG
GATGATCAGCACCAGGAGGAGCCGACCTCAAACCGGCTGTACTCCAAGCGGGCCGCCCAAATCCG
ACGACACCAGCGATGACGACTTCATGGAAGAAGGGGTGAGGAGGATGGGGCAGCGATGGGATGGGAGG
GGACGGCAGCGAGTTTCTGCAGCGGACTTCTCGAGACGTACGAGCGGTACCACACGGAGAGCCTGCAG
AACATGAGCAAGCAGGAGCTCATCAAGGAGTACCTGGAAGTGGAGAAGTGCCTCTCGCGCATGGAGGAGC
AGAAACCGGCTGCGGCTGGAGAGCAAGCGGCTGGGTGGCGACGACGCGCGTGTGCGGGAGCTGGAGCT
GGAGCTGGACCGCTGCGCGCCGAGAACCTCCAGCTGCTGACCGAGAACGAACTGCACCGCAGCAGGAG
CGAGCGCCGCTTTCAGTTTGGAGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG200536 representing NM_006460
 Red=Cloning site Green=Tags(s)

MAEPFLSEYQHQPQTSNCTGAAAVQEELNPERPPGAEERVPEEDSRWQSRAFPQLGGRPGPEGEGLSESQ
 PPPLQTQACPESSCLREGEKGQNGDSSAGGDFPPPAEVEPTPEAELLAQPCHDSEASKLGAPAAAGGEEE
 WGQQQRQLGKKKHRRRPSKKKRHWKPYKLTWEEKKFFDEKQSLRASIRAEMFAKGQPVAPYNTTQFLM
 DDHDQEEPD LK TGLYSKRAAAKSDDTSDDDFMEEGGEEDGGSDGMGGDSEFLQRDFSETYERYHTESLQ
 NMSKQELIKEYLELEKCLSRMEDENRRLRLESKRLGGDDARVRELELELDRLRAENLQLLTENELHRQQE
 RAPLSKFGD

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_006460.2](#), [NP_006451.1](#)

RefSeq Size: 4785 bp

RefSeq ORF: 1080 bp

Locus ID: 10614

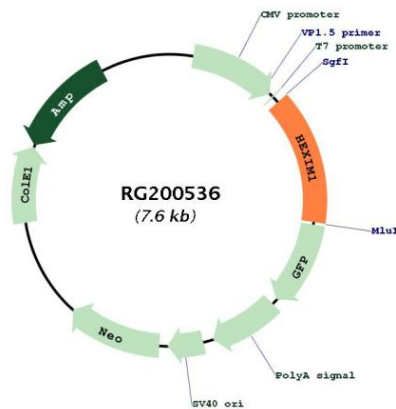
UniProt ID: [O94992](#)

Cytogenetics: 17q21.31

Protein Families: Transcription Factors

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:



Circular map for RG200536