

## Product datasheet for **RG204815**

### Hex (HHEX) (NM\_002729) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hex (HHEX) (NM_002729) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Hex
Synonyms:	HEX; HMPH; HOX11L-PEN; PRH; PRHX
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204815 representing NM_002729 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGTACCCGCACCCGGGCCGGCGGGCGCCGTGGGGTGCCGCTGTACGCGCCACGCCGCTGC  
TGCAACCCGCACACCCGACGCCCTTTTACATCGAGGACATCCTGGGCCGGGCCCGCCGCCCCACGCC  
CGCCCCACGCTGCCGTCGCCAACTCCTCCTCACCAGCCTCGTGTCCCCTACCGACCCCGGTGTAC  
GAGCCACGCCGATCCATCCAGCCTTCTCGCACCCTCCGCCCGCGCTGGCCGCTGCCTACGGACCCG  
GCGGCTTCGGGGCCCTCTGTACCCCTCCCGCGACGGTGAACGACTACACGCACGCCCTGCTCCGCCA  
CGACCCCTGGGCAAACCTCTACTCTGGAGCCCTTCTTGAGAGGCCTCTGCATAAAAGGAAAGCGGC  
CAGGTGAGATTCTCCAACGACCAGACATCGAGCTGGAGAAGAAATTCGAGACGCAGAAATATCTCTCTC  
CGCCCGAGAGGAAGCGTCTGGCCAAGATGCTGCAGCTCAGCGAGAGACAGGTCAAACCTGGTTTCAGAA  
TCGACGCGCTAAATGGAGGAGACTAAAACAGGAGAACCCTCAAAGCAATAAAAAAGAAGAACTGGAAAGT  
TTGGACAGTTCCTGTGATCAGAGGCAAGATTTGCCAGTGAACAGAATAAAGGTGCTTCTTTGGATAGCT  
CTCAATGTTCCGCTCCCTGCCCTCCAGGAAGACCTTGAATCAGAGATTTCAGAGGATTCTGATCAGGA  
AGTGGACATTGAGGGCGATAAAAGCTATTTAATGCTGGA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**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\\_002729.5](#)

**RefSeq Size:** 1772 bp

**RefSeq ORF:** 813 bp

**Locus ID:** 3087

**UniProt ID:** [Q03014](#)

**Cytogenetics:** 10q23.33

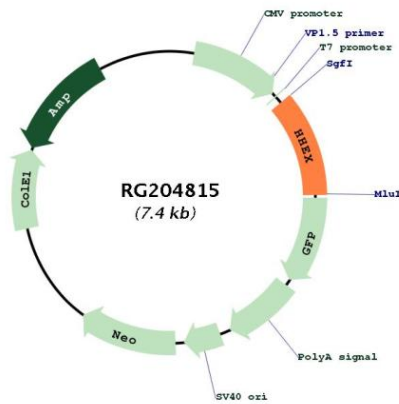
**Domains:** homeobox

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Maturity onset diabetes of the young

**Gene Summary:** This gene encodes a member of the homeobox family of transcription factors, many of which are involved in developmental processes. Expression in specific hematopoietic lineages suggests that this protein may play a role in hematopoietic differentiation. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RG204815