

Product datasheet for MR203607

Hhex (NM_008245) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hhex (NM_008245) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hhex
Synonyms:	Hex; Hex1; Hhex-rs2; Prh; Prhx
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203607 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGTTC**CCCGACCCGGGGCCCGGGCTGCGCCCGCCGTGGGAGTCCCGCTGTATGCGCCACGCCGC**
TGCTGCAGCCCGCTCACCCGACGCCCTTACATCGACGACATCTGGGTCGCGGGCCCGCCCGCCAC
GCCACTCCACGCTGCCGTCCCACTCCTCCTTACCAGCCTCGTGTCTCTACCGGACCCCGGTG
TACGAGCCACGCCGGTCCACCCGCTTCTCGCACCACCCGGCCGCGCTGGCCGCCCTACGGCC
CCAGTGGCTTCGGAGGCCCTCTGTACCGTTCCCGCGGACGGTGAACGACTACACGCACGCCCTACTCCG
CCACGACCCCTGGGCAAGCCCTTGCTCTGGAGCCCTTCTCCAGCGACCTCTGCACAAAAGGAAAGGC
GGTCAAGTGAGGTTCTCAACGACCAGACCGTCGAGCTGGAGAAGAAGTTCGAGACTCAGAAATACCTCT
CCCCACCCGAGAGAAAGCGTCTGGCCAAGATGTTGCAGCTCAGTGAGAGACAGGTCAAACTGGTTTCA
GAATCGCCGAGCTAAATGGAGAAGACTGAAACAGGAGAACTCTCAAAGCAACAAAAGGATGCGTTGGAC
AGTTTGGACACTTCTGTGAGCAGGTCAGACTTGCCAGTGAACAGAAATAAGGTGCCTTTGGATC
GTTGCGAGTGTCCACCTCCCGACCTCTCAGGAAGACCCGACTCGGAGATCTCAGAGGATTCGGACCA
GGAGGTGGACATCGAGGGGGATAAAGGCTACTTTAATGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_008245.1](#), [NM_008245.2](#), [NM_008245.3](#), [NP_032271.1](#)

RefSeq Size: 1771 bp

RefSeq ORF: 816 bp

Locus ID: 15242

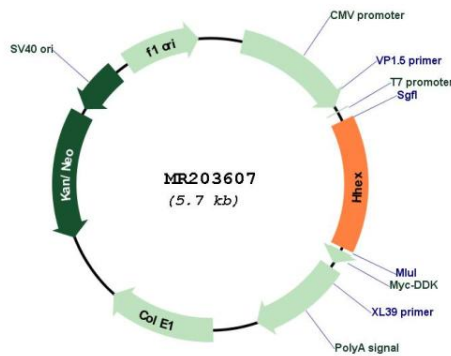
UniProt ID: [P43120](#)

Cytogenetics: 19 32.28 cM

MW: 30 kDa

Gene Summary: Recognizes the DNA sequence 5'-ATTAA-3' (By similarity). Transcriptional repressor. May play a role in hematopoietic differentiation. Establishes anterior identity at two levels; acts early to enhance canonical WNT-signaling by repressing expression of TLE4, and acts later to inhibit NODAL-signaling by directly targeting NODAL.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203607