

Product datasheet for MR222822

Hesx1 (NM_010420) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hesx1 (NM_010420) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hesx1
Synonyms: HES-1; Rpx
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR222822 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTCCAGCCTTCGGGAAGGTGCTCAGCTCCGGGAAAGCAAGCCCGCCCTGCTCCTTCTCAATTG
 AGAGCATTTTAGGACTGGACCAGAAAAAGATTGTACAACGTCAAGACCCACAGACCCTGGACAGA
 CACCTGCGGTGACTCAGAGAAAGGTGGCAACCCACCCCTACATGCCCCAGATCTTCCAGTGAGACTTCA
 TTTCTTGTCCAGTGGATCATCCAAGGCCAGAAGAAAGGGCTCCGAAATATGAAAATTATTTTTCAGCCT
 CCGAAACACGCTCTTTGAAAAGAGAATTGAGTTGGTACCGAGGACGAAGCCAAGAACCCTTTACCCA
 GAACCAGGTCGAAGTATTGGAAAATGTCTTTAGAGTGAATGCTACCCTGGCATTGACATCAGAGAGGAC
 CTAGCTCAAAAGCTGAACCTAGAGGAAGACAGAATCCAGATTTGGTTCCAAAATCGCCGAGCAAAGATGA
 AAAGGTCCCGTAGAGAATCACAGTTTCTAATGGCGAAAAAACCTTCAACCCAGATCTTCTGAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR222822 protein sequence
 Red=Cloning site Green=Tags(s)

MSPSLREGAQLRESKPAPCSFSIESILGLDQKKDCTTSVRPHRPWTDTCGDSEKGGNPLHAPDLPSETS
 FPCPVDHPRPEERAPKYENYFSASETRLKRELSWYRGRPRPTAFTQNQVEVLENVFRVNCYPGIDIRE
 LAQKLNLEEDRIQIWFQNRRAKMKRSRRESQFLMAKKPFNPDLLK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

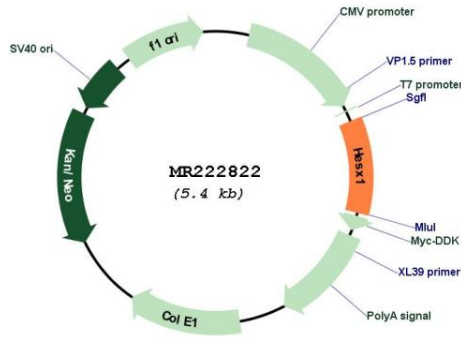
Restriction Sites: Sgfl-MluI



MW: 21.5 kDa

Gene Summary: Required for the normal development of the forebrain, eyes and other anterior structures such as the olfactory placodes and pituitary gland. Possible transcriptional repressor. Binds to the palindromic PIII sequence, 5'-AGCTTGAGTCTAATTGAATTAAGTGTAC-3'. HESX1 and PROP1 bind as heterodimers on this palindromic site, and, in vitro, HESX1 can antagonize PROP1 activation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222822