

Product datasheet for **MC208660**

Hexx1 (NM_010420) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hexx1 (NM_010420) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hexx1
Synonyms: HES-1; Rpx
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208660 representing NM_010420
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTCCAGCCTTCGGGAAGGTGCTCAGCTCCGGGAAAGCAAGCCCGGCCCTGCTCCTTCTCAATTG
AGAGCATTTTAGGACTGGACCAGAAAAAGATTGTACAACGTAGTAAGACCCACAGACCTGGACAGA
CACCTGCGGTGACTCAGAGAAAGGTGGCAACCCACCCCTACATGCCCCAGATCTTCCAGTGAGACTTCA
TTTCCTTGTCCAGTGGATCATCCAAGGCCAGAAGAAAGGGCTCCGAAATATGAAAATTATTTTTCAGCCT
CCGAAACACGCTCTTTGAAAAGAGAATTGAGTTGGTACCGAGGACGAAGCCAAGAACCGCTTTCACCCA
GAACAGGTGCAAGTATTGAAAATGTCTTTAGAGTGAAGTCTACCCCTGGCATTGACATCAGAGAGGAC
CTAGCTCAAAAGCTGAAGTATGAGGAAGACAGAATCCAGATTTGGTTCCAAAATCGCCGAGCAAAGATGA
AAAGGTCCCGTAGAGAATCACAGTTTCTAATGGCGAAAAAACCCTTCAACCCAGATCTTCTGAAA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010420
Insert Size: 558 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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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:	<ol style="list-style-type: none">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:	<u>NM_010420.2</u> , <u>NP_034550.2</u>
RefSeq Size:	1144 bp
RefSeq ORF:	558 bp
Locus ID:	15209
UniProt ID:	<u>Q61658</u>
Cytogenetics:	14 A3
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]