

Product datasheet for MR200927

Hba-x (NM_010405) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hba-x (NM_010405) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hba-x
Synonyms: AI450015; Hbz
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200927 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTCTGATGAAGAATGAGAGAGCTATCATCATGTCCATGTGGGAGAAGATGGCTGCTCAGGCCGAGC
 CCATTGGCACTGAGACTCTAGAGAGGCTCTTCTGCAGCTACCCCCAGACGAAGACCTACTCCCCACTT
 CGACCTGCACCATGGGTCTCAGCAGTTGCGGGCCACGGCTTCAAGATCATGACCGCCGTAGGGGATGCG
 GTTAAGAGCATCGACAACCTCTCTAGTGCTTTGACTAAGCTGAGCGAGCTGCATGCCTACATCCTGCGTG
 TGGATCCGGTCAACTTCAAGCTCCTGTCCACTGTCTGCTGGTACAATGGCCGACGCTTCCCGCCGA
 CTTACCCCTGAGGTCCACGAAGCTGGGACAAGTTCATGTCTATCCTGTCTTCTATCCTGACTGAGAAG
 TACCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200927 protein sequence
 Red=Cloning site Green=Tags(s)

MSLMKNERAIIMSMWEKMAAQAEPITETLERLFCSTYPQTKTYFPHFDLHHGSQQLRAHGFKIMTAVGDA
 VKSIDNLSALTKLSELHAYILRVDPVNFKLLSHCLLVTAARFPADFTPEVHEAWDKFMSILSSILTEK
 YR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_010405

ORF Size: 429 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_010405.4](#)

RefSeq Size: 630 bp

RefSeq ORF: 429 bp

Locus ID: 15126

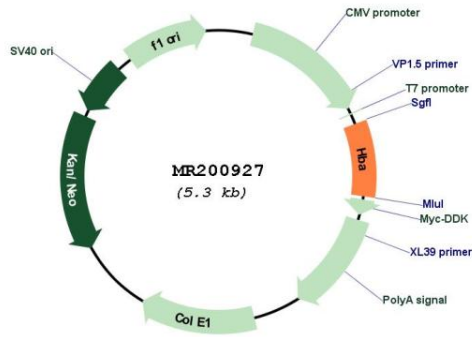
UniProt ID: [P06467](#)

Cytogenetics: 11 18.86 cM

MW: 16.2 kDa

Gene Summary: The zeta chain is an alpha-type chain of mammalian embryonic hemoglobin.
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200927