

## Product datasheet for **RN206984**

### **Hfe2 (NM\_001012080) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Hfe2 (NM_001012080) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hfe2
Synonyms:	Rgmc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN206984 representing NM\_001012080  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGGGGATCGAGCCGGTCCCCTAGTCTCCGGTCCCCCATGGCAGTCTCCAACCTAAGCACCCCTCA  
CTCTCCTGCTGCTCCTCTGTGGACAGGCTCACTCCCAGTGCAAGATCCTCCGCTGCAATGCCGAGTACGT  
CTCGTCCACTCTGAGCCTTCGGGGAGGGGGCTCACCGGACACGCCACATGGAGGGCGCCGTGGTGGGCCG  
GCCTCAGGTGGCTTGTGTCGCGCCCTGCGCTCCTACGCTCTCTGCACGGCGCACCCGCCCGCACCTGCC  
GCGGGGACCTCGCTTCCACTCCGCGGTGCATGGCATAGAGGACCTGATGATCCAGCACAACTGCTCACG  
CCAGGGTCCCACGGCCTCGCCCCGGCCCGGGTCTGCCCTGCCGGGGCCGGCCAGCGCCCTGACC  
CCAGATCCCTGTACTATGAAGCCGGTTTTCCAGGCTGCACGGTGAACCCCGGTTTTCTTGATTGTG  
CTTCTTTGGAGACCCCATGTGCGCAGCTTCCACAATCACTTTCACACATGCCCGTCCAAGGAGCTTG  
GCCCTACTAGATAACGACTTCTCTTTGTCCAAGCCACCAGCTCCCGGTAGCATCGGGAGCCAACGCT  
ACCACCATCCGGAAGATCACTATCATATTTAAAAACATGCAGGAATGCATTGACCAGAAAAGTCTACCAGG  
CTGAGGTAGACAATCTTCTGCAGCCTTTGAAGATGGTTCTGTCAATGGGGGCGACCGACCTGGGGGCTC  
GAGTTTGTCCATTCAAACCTGTAACCTTGGGAGCCACGTGGAGATTGAGCTGCCTACATTGGAACAACCT  
ATAATCGTTTCGTAGACAGCTGGACAGCTCTCCTTCTCCATCAGGGTAGCGGAGGATGTGGCACGGGCC  
TCTCTGCTGAGCAGGATCTACAGCTGTGTGTTGGGGATGCCCTCCGAGCCAGCGACTCTCTCGCTCAGA  
GCGCAATCGCCGTGGGGCGATAGCCATAGATACTGCCAGAAGTTGTGTAAGGAAGGGCTCCCGTTGAA  
GATGCCTACTTCCAATCCTGCGTCTTTGATGTTTCAGTCTCCGGTGACCCCAACTTTACTGTGGCAGCTC  
AGTCAGCTCTGGACGATGCCCGAGTCTTCTTGACCGATTGGAGAACTTGACACTTTCCAGTAGATGC  
GGGGCCTCCCCTCTCCAGCCACTGCCTAGTCCGGCTTCTTTGGTCTCTTTGTTCTGTGTTTTGC  
ATTCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1683\\_d12.zip](https://cdn.origene.com/chromatograms/ja1683_d12.zip)

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001012080

**Insert Size:** 1269 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).

**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\_001012080.1, NP\_001012080.1  
RefSeq Size: 2150 bp  
RefSeq ORF: 1269 bp  
Locus ID: 310681  
Cytogenetics: 2q34