

Product datasheet for **RN211085**

Hgfac (NM_053320) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hgfac (NM_053320) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hgfac
Synonyms:	MGC109000
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211085 representing NM_053320
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATCGGCAACGGGCTGGCTCCCTAGTGTCTTCCAGGCCATGTCCCTCCTGCTGCTCCTGCTACTGC
 TGGTGGTGCCTCGGGTGGCCAGCCCCAGGCTGGCAGGAACCACACAGAGCCCCAGGACCTAATGTTAC
 AGCCACCCGCATGACTCCCATGATCCCTGCGACCTCTGGCAACTTCAGCACCTCAATAGGAAGTGATCCA
 GAGGGAGAGGCAGAGACCGAGGGACCCAAAGTGAGAGGTATCTCCTTCCCTCCAGCAGCAGCCCTCTCG
 GGGGCCAAGTGCTCACCGAGTCCGGACAGCCGTGCAGGTTCCCTTCCGCTATGGTGGCCGCATGCTGCA
 CTCCTGTTCTCTGAGGGAAGTGCCTACAGGAAGTGGTGTGCTACGACACACAACACGACAGAGACCGG
 GCCTGGGGCTACTGTGCAGAGGCCACCTGCCTGTGGAAGGCCAGCTGCCTTGATCCTGTGCCTCTG
 GGCCCTGCCTCAATGGAGGCACATGTTCCAGTACCCAGGACCATGTGCTCCTACCCTGTGCTTGGCCGCT
 GGCCTTACAGGCAAGGACTGTGGCACAGAGAAGTGTCTTATGAAACACGCTACGAGTATTTGAGGTG
 GCGGACCACTGGGCCCGTGTGAGCGAGGGACATGTGGAGCAGTGCAGCTGTATCGAGGGGAGGCCCGGT
 GTGAAGACACCCACCACAGCTTGCTGAGCAGCCATGTCTGAATGGAGGAACCTGCCACCTGATTGT
 GGGCACAGGGACAGCATCTGCGCTGCCGTTGGGTTATGCTGGGCGGTTCTGCAACATTGTTCCCACT
 GAGCGTCTTCCCTGGGCAATGGAACAGAGTACCGCGGTGTGGCCAGCACCTCTGCCTCGGGCCTGAGCT
 GCCTGGCTGGAATTCGACCTGCTCTACCAGGAGCTCCATGTAGACTCAGTGGGTGCTGCTGCCCTGCT
 TGGCCTGGGCCCTCATGCTTACTGCCGGAACCCAGACAAGGACGAGAGGCCTTGGTGCTATGTGGTGAAG
 GACAGCGCGTGTATGGGAGTATTGTCGCCTGGCAGCTTGTGAATCCTTGGCCAGAGTCCATCCCGAA
 TCCCGAGGTCCTAGCGACCCCTGCCTGAGTCGACCTCAACTGCAGTCCGACCTGTGGCAAGAGGCACAA
 GAAGAGGACATTCTTGGAGCCACGCATCATTGGTGGCTCATCGTCTTTGCCCGGCTCACACCCCTGGCTG
 GCCCCATCTACATTGGGAACGGCTTCTGTGCTGGGAGCCTCGTCCACACCTGCTGGGTAGTGTCTGCAG
 CCCACTGTTCTCCAGCAGCCCCCAGGGACAGCATCACAGTGGTACTGGGTGACACTTCTTCAACCG
 CACGACGGATGTGACACAGACCTTGGCATTGAGAAGTACGTGCCCTACACCTCTACTCGGTGTTCAAC
 CCCAACGACCATGACCTTGTCTTATCCGGCTGAAGAAGAAGGGGGAGCGCTGTGCTGTCCGCTCCCAGT
 TCGTTCAGCCCATCTGCCTCCCTGAGGCAGGCAGCTCTTCCCTACAGGACACAAGTGTGAGATTGCAGG
 CTGGGGTACATGGACGAGAATGTGAGTGGATATCCAACCTCCCTGCTGGAGGCACTGGTCCCCCTGGTT
 GCTGACCACAAGTGCAGCAGCCCTGAGGTGTATGGTGCCGACATCAGCCCCAACATGCTCTGTGCTGGAT
 ACTTTGACTGCAAGTCTGATGCCTGCCAGGGGACTCGGGTGGGCCCTTGGTCTGTGAGAAGAATGGTGT
 GGCTTACCTGTATGGCATCATCAGCTGGGGTGTGGCTGTGGGAGGCTCAACAAGCCAGGAGTCTACACC
 CGTGTGTCCAATTATGTGGACTGGATCAACGACCCGATTCGGCCACCCAAGCGACCTGCAGCTGCCTCCT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053320
- Insert Size:** 1962 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_053320.1](#), [NP_445772.1](#)

RefSeq Size: 2067 bp

RefSeq ORF: 1962 bp

Locus ID: 58947

Cytogenetics: 14q21

Gene Summary: functions in liver regeneration after injury [RGD, Feb 2006]