

## Product datasheet for **SC204891**

### GCHFR (NM\_005258) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** GCHFR (NM\_005258) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** GCHFR  
**Synonyms:** GFRP; HsT16933; P35  
**ACCN:** NM\_005258  
**Insert Size:** 389 bp  
**Insert Sequence:** >SC204891 3'UTR clone of NM\_005258

The sequence shown below is from the reference sequence of NM\_005258. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACGCTGGTGTGGTGTCTGCACAAGGAGTACCTTCTCATGCTGATTGCAGACGGGGCACCCCTGTGGA
GGGGCTGCTGTGGGCCCTGACCTCCAAGCTCCTGCCTCACCGTCTGCCTTGCCTCTCTCCCAAATC
ATCACCGCCATGGGCCAGCCCCAAAGGGCAGTGAATGGCCTTCTCTGAAACCCTGCGTCAAGCAGTGG
GAGAGGGCAGTGCCCGGTGCCCTGGTGCTCCCAGCTGCCCTCCTGCTTCGGGCCTGGGCCGAGGGCCTT
GTGTAGGCCATGTTCTCGGGCAGCTGCCCGGGCCGGAGCTGGGCACTCCAGCGGCCCTGGCGCGTGG
CTCCTGCATAGCTAGCCCAAGCCAATAAAGGGCTGTGATGAGTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_005258.3](#)



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**Summary:** GTP cyclohydrolase I feedback regulatory protein binds to and mediates tetrahydrobiopterin inhibition of GTP cyclohydrolase I. The regulatory protein, GCHFR, consists of a homodimer. It is postulated that GCHFR may play a role in regulating phenylalanine metabolism in the liver and in the production of biogenic amine neurotransmitters and nitric oxide. [provided by RefSeq, Jul 2008]

**Locus ID:** 2644

**MW:** 13.4