

Product datasheet for **SC201174**

Hemoglobin subunit delta (HBD) (NM_000519) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: Hemoglobin subunit delta (HBD) (NM_000519) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: HBD

ACCN: NM_000519

Insert Size: 156 bp

Insert Sequence: >SC201174 3'UTR clone of NM_000519
The sequence shown below is from the reference sequence of NM_000519. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCTAATGCCCTGGCTCACAAGTACCATTGAGATCCTGGACTGTTTCTGATAACCATAAGAAGACCCTA
TTCCCTAGATTCTATTTCTGAACTTGGGAACACAATGCCTACTTCAAGGGTATGGCTTCTGCCTAAT
AAAGAATGTTTCAGCTCAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul

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_000519.4](#)



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Summary:

The delta (HBD) and beta (HBB) genes are normally expressed in the adult: two alpha chains plus two beta chains constitute HbA, which in normal adult life comprises about 97% of the total hemoglobin. Two alpha chains plus two delta chains constitute HbA-2, which with HbF comprises the remaining 3% of adult hemoglobin. Five beta-like globin genes are found within a 45 kb cluster on chromosome 11 in the following order: 5'-epsilon--Ggamma--Agamma--delta--beta-3'. Mutations in the delta-globin gene are associated with beta-thalassemia. [provided by RefSeq, Jul 2008]

Locus ID:

3045

MW:

5.9