

## Product datasheet for **SC206500**

### Hsp60 (HSPD1) (NM\_002156) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Hsp60 (HSPD1) (NM\_002156) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** HSPD1  
**Synonyms:** CPN60; GROEL; HLD4; HSP-60; HSP60; HSP65; HuCHA60; SPG13  
**ACCN:** NM\_002156  
**Insert Size:** 492 bp  
**Insert Sequence:** >SC206500 3'UTR clone of NM\_002156  
The sequence shown below is from the reference sequence of NM\_002156. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGAGGTGGTATGGGAGGTGGCATGTTCTAACTCCTAGACTAGTGCTTTACCTTTATTAATGAACTGTGA
CAGGAAGCCCAAGGCAGTGTTCCTCACCATAACTTCAGAGAAGTCAGTTGGAGAAAATGAAGAAAAG
GCTGGCTGAAAACTACTATAACCATCAGTTACTGGTTTCAGTTGACAAAAATATATAATGGTTTACTGCT
GTCATTGTCCATGCCTACAGATAATTTATTTTGTATTTTGAATAAAAAACATTTGTACATTCCTGATA
CTGGGTACAAGAGCCATGTACCAGTGTACTGCTTTCAACTTAAATCACTGAGGCATTTTTACTACTATT
CTGTAAAATCAGGATTTTAGTGCTTGCCACCACCAGATGAGAAGTTAAGCAGCCTTTCTGTGGAGAGT
GAGAATAATTGTGTACAAAAGTAGAGAAGTATCCAATTATGTGACAACCTTTGTGTAATAAAAAATTTGTT
TAAAGTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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\\_002156.5](#)



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**Summary:** This gene encodes a member of the chaperonin family. The encoded mitochondrial protein may function as a signaling molecule in the innate immune system. This protein is essential for the folding and assembly of newly imported proteins in the mitochondria. This gene is adjacent to a related family member and the region between the 2 genes functions as a bidirectional promoter. Several pseudogenes have been associated with this gene. Two transcript variants encoding the same protein have been identified for this gene. Mutations associated with this gene cause autosomal recessive spastic paraplegia 13. [provided by RefSeq, Jun 2010]

**Locus ID:** 3329

**MW:** 18.3