

## Product datasheet for **SC205504**

### HSP70-1B (HSPA1B) (NM\_005346) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	HSP70-1B (HSPA1B) (NM_005346) Human 3' UTR Clone
Symbol:	HSP70-1B
Synonyms:	HSP70-1; HSP70-1B; HSP70-2; HSP70.1; HSP70.2; HSP72; HSPA1; HSX70
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005346
Insert Size:	408 bp
Insert Sequence:	<p>&gt;SC205504 3'UTR clone of NM_005346</p> <p>The sequence shown below is from the reference sequence of NM_005346. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
TCAGGCCCTACCATTGAGGAGGTGGATTAGGGGCCTTTGTTCTTTAGTATGTTTGTCTTTGAGGTGGAC
TGTGGGACTCAAGGACTTTGCTGCTGTTTCTATGTCATTTCTGCTTCAGCTCTTTGCTGCTTCACT
TCTTTGTAAAGTTGTAACCTGATGGTAATTAGCTGGCTTCATTATTTTGTAGTACAACCGATATGTTT
ATTAGAATTCTTTGCATTTAATGTTGATACTGTAAGGGTGTTCGTTCCCTTTAAATGAATCAACACTG
CCACCTTCTGTACGAGTTTGTTGTTTTTTTTTTTTTTTTTTTTTTTGGCTTGGCGAAAACACTACAAA
GGCTGGGAATGTATGTTTTTATAATTTGTTTATTTAAATATGAAAAATAAATGTAAACTTT
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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.


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**RefSeq:** NM\_005346.6

**Summary:** This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins. [provided by RefSeq, Jul 2008]

**Locus ID:** 3304

**MW:** 16.1