

## Product datasheet for **SC209274**

### Hsp47 (SERPINH1) (NM\_001235) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Hsp47 (SERPINH1) (NM_001235) Human 3' UTR Clone
Symbol:	Hsp47
Synonyms:	AsTP3; CBP1; CBP2; gp46; HSP47; OI10; PIG14; PPROM; RA-A47; SERPINH2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001235
Insert Size:	730 bp
Insert Sequence:	<p>&gt;SC209274 3'UTR clone of NM_001235</p> <p>The sequence shown below is from the reference sequence of NM_001235. 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
AAGGGTGACAAGATGCGAGACGAGTTAAGGGCTCAGGGTGCACACAGGATGGCAGGAGGCATCCAAA
GGCTCCTGAGACACATGGGTGCTATTGGGGTTGGGGGGAGGTGAGGTACCAGCCTTGATACTCCATG
GGGTGGGGGTGGAAAAACAGACCGGGTCCCGTGTGCCTGAGCGGACCTCCAGCTAGAATTCACCTC
CACTTGACATGGGCCCCAGATACCATGATGCTGAGCCCGGAACTCCACATCCTGTGGACCTGGGCC
ATAGTCATTCTGCCTGCCCTGAAAGTCCCAGATCAAGCCTGCCTCAATCAGTATTATATTATAGCCA
GGTACCTTCTACCTGTGAGACCAAAATTGAGCTAGGGGGGTGAGCCAGCCCTCTTCTGACACTAAAACA
CCTCAGCTGCCTCCCCAGCTCTATCCCAACCTCTCCCAACTATAAACTAGGTGCTGCAGCCCCTGGGA
CCAGGCACCCCCAGAATGACCTGGCCGCGAGTGAGGCGGATTGAGAAGGAGCTCCAGGAGGGGCTTCTG
GGCAGACTCTGGTCAAGAAGCATCGTGTCTGGCGTTGTGGGGATGAACTTTTGTTTGTCTTCTCCTT
TTTTAGTTCTTCAAAGATAGGGAGGGAAGGGGAACATGAGCCTTTGTTGCTATCAATCCAAGAACTTA
TTTGTACATTTTTTTTTTCAATAAACTTTTCCAATGACA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).


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<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001235.5</a></u>
<b>Summary:</b>	This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. The encoded protein is localized to the endoplasmic reticulum and plays a role in collagen biosynthesis as a collagen-specific molecular chaperone. Autoantibodies to the encoded protein have been found in patients with rheumatoid arthritis. Expression of this gene may be a marker for cancer, and nucleotide polymorphisms in this gene may be associated with preterm birth caused by preterm premature rupture of membranes. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 9. [provided by RefSeq, May 2011]
<b>Locus ID:</b>	871
<b>MW:</b>	27