

Product datasheet for **SC216699**

SRP72 (NM_006947) Human 3' UTR Clone

Product data:

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|---------------|--------------------------------------|
| Product Type: | 3' UTR Clones |
| Product Name: | SRP72 (NM_006947) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | SRP72 |
| Synonyms: | BMFF; BMFS1; HEL103 |
| ACCN: | NM_006947 |
| Insert Size: | 1850 bp |



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Insert Sequence: >SC216699 3'UTR clone of NM_006947
 The sequence shown below is from the reference sequence of NM_006947. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGAAGAAAGGTGAAAAGGTGGCTGGTATGAGAATATTCTTGTTCAGGCTGTTTTAACTAGTGT
CAGTGACACTAGGAATATAATAAAGGTAACACAGCAAGAAGCACAGAAGTACTCCCTCTTCATCTCCAT
ATTTTCATAATTTCTTGTGTTTCAAATAGGGAAACATCTTCTCAAAGTCTGCCTAGTGAGATATGGCC
TACTGGTTGCCTCATAGCTTTGTACAGATTATGAGGACTGAAAATAATTGGGCATTTACCCATCTTGGT
ATCTGTTGTATCCTTTATCTGTGTGTGCTGATTTGATCTTTTTTTCAGTTTCACATACCTTATCTAAGGT
TTCCCAGATTTAAACAGAACTACTTCTATGATTTTCAGCTGGAGTCTGAAGATACTTGTTCCTGTTCA
AGTCCCCTTTAAATTATGTCTTAGGAGACTGAAAGTGGAACTCTTCTGAGCATTCTAAAATCTGCTT
AGAAATATCATGTGATAAAGAGGGACCTCTTAATACACTGATGTTCTTCACTAAATGGATGGCCACAA
GAAAAATAAAGTAAATGTCTTAAATAATTTAACCATAAATTTTCTGTCATGTGATACTGGAAATATGGGA
TACTTTTCATGTTTATATATATATATATATATATATATATATATATATATATATATATATATATATATAAACATGAA
ATATATATATATAGGCTCCTTTGTGCCCCATGTCATTTTCAGATTATGGTAGCATGCTGATACAGCACCA
TGAAAGAACTCAAGGAAAATATATCAATGTAAGAAGTTCCTCTAGACCCAGTGTCTGAGGTCACAT
GGGTTTGGACTGTCTCAATCAGAAAAGTAAATGACTGTTATCAAGAACATGAACATTGGCTTCTCCAT
AGAGAAGAAATCAGTATCTGAGTTGCATACCAGGCAGTATTAATCTAACAGGTCTGTTTGGCCCAT
GATAGATACTCAAATGGTGTCTCCTTCTGGTTATGGATTTTGACCATTGATTACCTTTCTCAATGTAAT
GAAGATTTTACAGTCAATTTGTGGTGAAATGTTGCTTGTCTTTCTTGTCTTACAAAACACTTTCA
CATTGAACAGCTGTGAGACAGACATATTGAGATGCCTGCCTTGTAGTATTCATTTTATGCTGCCCAA
GATATCATTAAATTTAGACTTAAACAAGTATTTCTTGTGATTATTTACTCTGCTTGTAAATAAAGT
GCTGCTGTGTTGACTCTGAACATACTACCAAACTTCTTCAAAGAGTTTTTATGAAAGACTTTCTC
CTTTACAAGAAAGAAATGGGGTCTGCCTTTCTGTTTAGTAAAAGCAGAAATTTGCAGTGGCATCTAAAG
AGATCTTTTTTAAATAAAAATTATGATTGTGGCATAATCCTTTTTTGTGCTCTACAGAGAACAGTCT
TTTGGTAATAGTGGCAGTATTTATCCTTCTGAATATATACCCATTATAGGAATAACTGTTACTTAT
TTAGGATTCATCATTGAAAATTTGACCAAGGCACAGCAGTGAATTTATAGTCTCAATTTAGTTG
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TTTAATTGTCAAATGAAGTATAAACACATGAACCTTCTAGAAAATTTTCTCTTTTGGATAGGTCTTTA
ACCAGTTCATATATACTTTGTCAAATATATGGATGTGTATGTGTACATTTATAAGAACCAGTATGGA
TACATCCATTCAGTGTGTACATTTTAAATAAAAATTTTAGCAGTGAATATGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
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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).

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_006947.4](#)

Summary: This gene encodes the 72 kDa subunit of the signal recognition particle (SRP), a ribonucleoprotein complex that mediates the targeting of secretory proteins to the endoplasmic reticulum (ER). The SRP complex consists of a 7S RNA and 6 protein subunits: SRP9, SRP14, SRP19, SRP54, SRP68, and SRP72, that are bound to the 7S RNA as monomers or heterodimers. SRP has at least 3 distinct functions that can be associated with the protein subunits: signal recognition, translational arrest, and ER membrane targeting by interaction with the docking protein. Mutations in this gene are associated with familial bone marrow failure. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2012]

Locus ID: 6731

MW: 72.6