

## Product datasheet for **SC217144**

### **KPNA4 (NM\_002268) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	KPNA4 (NM_002268) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KPNA4
Synonyms:	IPOA3; QIP1; SRP3
ACCN:	NM_002268
Insert Size:	2000 bp



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**Insert Sequence:**

>SC217144 3'UTR clone of NM\_002268

The sequence shown below is from the reference sequence of NM\_002268. 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
AATGTACCAACAGAAGGGTTCCAGTTTTAGAAAGATGTTGTGGAAGTTAGGTACAATGCAGCACTGAGA
TATATATATATATATGTGTGTGTATATATATATATATACATATATATAAAAAGTTTGATCCATC
AAGCTTGGCTCATGGGATCTGCTGCTGCATTAATCGGGAAAAGAAAATGTGAAGATTTTCATTTGGAATC
ACAGAAAATGCCAAATGAGGTCAAGATGGCGAGTGGGTGCGAGTGAGAATGAGTGGCAAAATGTAATG
AAAACCTTACATGAATGCTTATTTAGGTTGTTCAAAGTAAAAGGGCTACAGGTCACAGATCGTCAGTG
CCTGAGAAAAGAACATTGACTTACTCTATATCAATTGAGGGGAAAGTGCAGTACCGTCATCTTCAAGCCT
TGTAAGCATAAAAAGAGAATAGGCTGCCCATATAAGTCAAAGGAAAATGAGCCAGGCCTTGCATGAAG
CAGTGTGTGAATGGACAATGTTGAATGAATGTCTGGCTCAGTGATGGAGAGCCAGTTTCATCTTTGAAA
TCTAGGGCTCTTCACTCATGAAGCAGACTCCTAGTCTGGAGTACTGTGTACGAGAGCGTGGTTGTGG
TGCTGTATGTGAACGCATGCAAGCTTGATTACCTTCAGGGGGCTGATAACCTAGTAAATCATCAAAT
GAGATCATAAGTGTTAATGTACTGACATGAAAACAAAGACTGGTTTAGCAGCAGACATTGGTTTAC
TCTGCAGCCTGTGTTTTCTGTTTCCCCCTTTCCACCTCCTTCCCCCACCCAATCCTTTTTTTTTTCT
TTTTTGCTTTTCTTTTCTTTTTTTTAGTTTTATTTACTTTACCTAGTATGCCTTTTTTTTAGTTGCTT
CTCAAGTCAGAAAACCTTTTCAGGAAGGTTCCCTGTGCATTTGCACCAGATGAATGTTTGATGCTATGA
AAAGCTTTCCATATCATCAAACTAATTTGTGTAGATTTTTGCATGAAAAAATCATAAATTTCCCTCA
AAATAGACTGTGTTGCAGTACACAAGTTGCCATAATAGTATAAAACAGTAAAATGTGCTTAAAAGGCCA
TCCTTTTCATTTTCAGAGATAACATAAAGATCTTTCATGAGGTAATCTACAGCATAGTTCATTTTTTA
GATTTTGTGAGTCTGTAAAGAAGAAGAAGAAAAAGTTTCAGTTGTGGTAGAATACCGTCTGTGTT
TAAATGTACTTGTTTTCAAACCTTTGTTTTCTATGAAAATGATATGGAACTTCTAAAATGGAATTTGG
TGCATATGTACTGCTGAATAAAGACCGATGAAGAGGTTTGTAGTGTACAAAATCAAGTAAATGGTTTG
AACACCTTAAATAATATGCCTAATCTGTTCAATTTGTTTAGAATCTTTTTATCTTAGATGTAGGCAGCC
ATGAACAATCTATTTGAGCCACTTTAGGGAGAAAACCTTGTATTTTTAAAACCTGCATAAAAGTTATG
CAAGTGGTTTTTATAAATGGAATAATACCTCAGTTTTGAGGTTATGCACACTAAATTAATGTGACAT
AAATTAATTTGTACAAAAGAACCTTTATAAGGTGGCTCATTGTAGGAAATCCTGTGCCTTCCCCTTT
GAGCACAAGTGTGATGAACAACAGTTTGTATAGAACAATACCAGATTAGCCACCATTAGCATCTA
TATCTACTTTGTGTTTAAAATCAACTGTAATTTCTGAAACACTGTAGAATGGATAAAAATATTTTGT
GATCATAACTCTTTGTTGAACTAGAGTATTTTTGCAGCATTCTTGTGCATCAGAAAACATGGTTAAAGTT
TAAAACCTAGAAGCAGCAGAAAACCTAGCTTGAAAATTTATCCAAGTAGAGTGCAGGCTAGGCTGTCTTG
GGGAAATAAACATTAACCTTAAAGCAATGTTTACATGGGGTGTGTGTGTGTGGTGTGGATTTTT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
    
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**Restriction Sites:**

Sgfl-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\\_002268.5](#)

**Summary:** The nuclear import of karyophilic proteins is directed by short amino acid sequences termed nuclear localization signals (NLSs). Karyopherins, or importins, are cytoplasmic proteins that recognize NLSs and dock NLS-containing proteins to the nuclear pore complex. The protein encoded by this gene shares the sequence similarity with *Xenopus* importin-alpha and *Saccharomyces cerevisiae* Srp1. This protein is found to interact with the NLSs of DNA helicase Q1 and SV40 T antigen. [provided by RefSeq, Jul 2008]

**Locus ID:** 3840

**MW:** 77.1