

## Product datasheet for **SC215023**

### RanBP16 (XPO7) (NM\_001100162) Human 3' UTR Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | 3' UTR Clones   |
| Product Name:             | RanBP16 (XPO7) (NM_001100162) Human 3' UTR Clone      |
| Symbol:                   | RanBP16   |
| Synonyms:                 | exportin 7; KIAA0745; RAN binding protein 16; RANBP16 |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pMirTarget (PS100062)                                 |
| ACCN:                     | NM_001100162  |
| Insert Size:              | 1544 bp   |



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**Insert Sequence:** >SC215023 3'UTR clone of NM\_001100162  
 The sequence shown below is from the reference sequence of NM\_001100162. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCGTGAATAGCAATGACATGATGAGCTGACACCTCCTGGACTCTACCTGTACAGAGCAGCGTCCCTT
TGGTTTGGCCAGAGGGGCGAACAATTGCAAGGGAGAGGGCTGGCTGATCCTGGCTCTTTTCTCCAGG
GGTGTGGGAAAAATGGCAAAGGTCAACTAGCTGCTTCCCCAGGGAATAGGGGTGTGAGTACACTACTA
GGGGCAGGGCGCTGCTGGTTCTGGGGGACTGGGTGGGAAGGGTGGTGGGAGGAGATAAGAGATACAA
ACTGAGACTCCAGCCTCTCCTCTGGGGCCACCAAGTGGGGAGAACCCCTAGTGTCTGCCACAACCT
GCCTTGATAAACATGTACATTTTTTATAACATTTTGAACAAGGTTTATATTGACTCAAGTTTAAAAA
CAAAAAGTGTGACTGAAAAATTTTACAGAGTCTAGTGCACCAATGCTGTATGTGAGGGGTGTGTATGC
GAGTGAAGAAAAATGTGTATTCTGGTGGCCTGAAGCTTTACTGGACAAGGATGTGTGAGAGTGCAGAGAT
ATATTTAGTGACACAGTAGAGAGGCCAAAAAAAAGCTAAAATTCCAAATGTATATTTTTTCTGATTGCC
CTGTCCCTCACCCAGAAATGATCAATTCCTGTTACTGTATTAACCCCTGTTATTAGGAACTCTAAGCCAT
GCCAGAACACCGTCCCTCCCTGGACCGTGTAGATTCTGCCCTGGGTCCCTAGCCCTTGCAAGTATA
AATAACTCCAGCTAAAAGTGTGGTGTCTTATCTCCACCTCTTCTACTTTGCTTACCCTCATCC
TCAGACAGATGCCTCTTGTCTTTAAAAGTTGGATTTAACGACGTGTTGTAGGGTCTTGGTCTGTGTA
AGGCAGAGACCAGAGAGAAGGAAGTGAAGCCACTGCTCTCCTGGGAGCAATGTGGGTGAGTCCACCAGA
GGCCCTGCTGTGTGGCCAATAAATTTTAGTCTTCCCAGCCCTCGAGGCAGTGTGTGGATGTATG
CGTGTGGATATTTATATATGTACCTGCACTCATGAATGTATGAACTGGAGGAAGTTACTACAGTGGAA
GGTTCTTAATAACAAGTCTACCTAGCATGAAGTATTTAACATTCTCCATCCCTTAAAAAATATACA
TTTTTATAAAATGAAAACCATAAATGTTTTGAATTTAAAAAAAATAATAACCTACAGAGGAAAT
TAATGGAGACAGCTATTTGCCTTGTACTTTTTCCACAATTGTTGCTGCTAGTTGTACACATCTCTAGTT
CAGCTCTTGCCACGGGACACTCATCAATTAGGTTTTATTTTTATTTCTTCTACCCCCAGAAAACA
AGCCTGTTAATTTTTTCTTCTCCTCTGGCGACTGTGTGATGAATCTTTCTTGGCGTATCAGGTTG
CGGATAGACTTGAAGGGTGTGCTGCATACAGTGAAGCATTGTGACCGCCAATAAATCTCAATGGT
TTCTACTGAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** Sgfl-Mlul

**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\\_001100162.1](#)

**Summary:**

The transport of protein and large RNAs through the nuclear pore complexes (NPC) is an energy-dependent and regulated process. The import of proteins with a nuclear localization signal (NLS) is accomplished by recognition of one or more clusters of basic amino acids by the importin-alpha/beta complex; see MIM 600685 and MIM 602738. The small GTPase RAN (MIM 601179) plays a key role in NLS-dependent protein import. RAN-binding protein-16 is a member of the importin-beta superfamily of nuclear transport receptors.[supplied by OMIM, Jul 2002]

**Locus ID:**

23039

**MW:**

57.9