

Product datasheet for **SC215024**

RanBP16 (XPO7) (NM_001100161) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RanBP16 (XPO7) (NM_001100161) Human 3' UTR Clone
Symbol:	RanBP16
Synonyms:	EXP7; RANBP16
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001100161
Insert Size:	1527 bp



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Insert Sequence: >SC215024 3'UTR clone of NM_001100161
 The sequence shown below is from the reference sequence of NM_001100161. 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
GGCGTGAATAGCAATGACATGATGAGCTGACACCTCCTGGACTCTACCTGTACAGAGCAGCGTCCCTT
TGGTTTGGCCAGAGGGGCGAACAATTGCAAGGGAGAGGGCTGGCTGATCCTGGCTCTTTTCTCCAGG
GGTGTGGGAAAAATGGCAAAGGTCAACTAGCTGCTTCCCCAGGGAATAGGGGTGTGAGTACACTACTA
GGGGCAGGGCGCTGCTGGTTCTGGGGGACTGGGTGGGAAGGGTGGTGGGAGGAGATAAGAGATACAA
ACTGAGACTCCAGCCTCTCCTCTGGGGCCACCAAGTGGGGAGAACCCCTAGTGTCTGCCACAACCT
GCCTTGATAAACATGTACATTTTTTATAACATTTTGAACAAGGTTTATATTGACTCAAGTTTAAAAA
CAAAAAGTGTGACTGAAAAATTTTACAGAGTCTAGTGCACCAATGCTGTGTGAGGGGTGTGTATGC
GAGTGAAGAAAAATGTGTATTCTGGTGGCCTGAAGCTTTACTGGACAAGGATGTGTGAGAGTGCAGAGAT
ATATTTAGTGACACAGTAGAGAGGCCAAAAAAGCTAAAATTCCAAATGTATATTTTTTCTGATTGCC
CTGTCCACCCAGAAATGATCAATTCCTGTTACTGTATTAACCTTGTATTAGGAACTCTAAGCCAT
GCCAGAACACCGTCCCTCCCTGGACCGTGTAGATTCTGCCCTGGGTCCCTAGCCCTTGCAAGTATA
AATAACTCCAGCTAAAAGTGTGGTGTCTTATCTCCACCTCTTCTACTTTGCTTACCCTCATCC
TCAGACAGATGCCTCTTCTTTTAAAAGTTGGATTTAACGACGTGTTGTAGGGTCTTGGTCTGTGTGA
AGGCAGAGACCAGAGAGAAGGAAGTGAAGCCACTGCTCTCCTGGGAGCAATGTGGGTGAGTCCACCAGA
GGCCCTGCTGTGTGGCCAATAAATTTTAGTCTTCCCAGCCCTCGAGGCAGTGTGTGGATGTATG
CGTGTGGATATTTATATATGTACCTGCACTCATGAATGTATGAACTGGAGGAAGTTACTACAGTGGAA
GGTTTCTTAATAACAAGTCTACCTAGCATGAAGTATTTAACATTCTCCATCCCTTAAAAAATATACA
TTTTTATAAAATGAAAACCATAAATGTTTTGAATTTAAAAAATAATAACCTACAGAGGAAAT
TAATGGAGACAGCTATTTGCCTTGTACTTTTTCCACAATTGTTGCTGCTAGTTGTACACATCTCTAGTT
CAGCTCTTGGCCACGGACACTCATCAATTAGGTTTTATTTTTATTTCTTCTACCCCCAGAAACA
AGCCTGTTAATTTTTTCTTCTCCTCTGGCGACTGTGTGATGAATCTTTCTTGGCGTATCAGGTTG
CGGATAGACTTGAAGGGTGTGGCTGCATACAGTGAAGCATTGTGACCGCCAATAAATCTCAATGGT
TTCTACTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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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_001100161.2](#)

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:

57.1