

Product datasheet for **SC215022**

RanBP16 (XPO7) (NM_015024) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	RanBP16
Synonyms:	EXP7; RANBP16
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_015024
Insert Size:	1527 bp



Insert Sequence:

>SC215022 3'UTR clone of NM_015024

The sequence shown below is from the reference sequence of NM_015024. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GGCGTGAATAGCAATGACATGATGAGCTGACACCTCCTTGGACTCTACCTGTACAGAGCAGCGTCCCTT
TGGTTTGGCCAGAGGGGCGAACAATTGCAAGGGAGAGGGCCTGGCTGATCCTGGCTCTTTCTCCAGG
GGTGTGGGAAAAATGGCAAAGGTCACTAGCTGCTTCCCGAGGAAATAGGGGTGTGAGTACACTCACTA
GGGGGCAGGGCGCTGCTGGTTCCTGGGGGACTGGGTGGGAAGGGTGGTGGGAGGAGATAAGAGATACAA
ACTGAGACTCCAGCCTCTCCTCTGGGGCCACCCAAGTGGGAGAAACCCCTAGTGTCTGCCACAACCT
GCCTTGATATAAACATGTACATTTTTTCAACATTTTGAACAAGGTTTATATTGACTCAAGTTAAAAA
CAAAAAGTGTGACTGAAAAATTTTACAGAGTCTAGTGCACCAATGCTGATGTGAGGGGTTGTGTATGC
GAGTGAAGAAAAATGTGATTCTGGTGGCTGAAGCTTTACTGGACAAGGATGTGTGAGAGTGCAGAGAT
ATATTTAGTGACACAGTAGAGAGGCAAAAAAAGCTAAAATTCCAAATGTATTTTTTCTGATTGCC
CTGTCTCACCAGAAATGATCAATTCCTGTTACTGTATTAACCTTGTATTAGGAACCTCTAAGCCAT
GCCAGAACACCGTCCCTCCCTTGGACCGTGTAGATTCTGCCCTGGGTCCCTAGCCCTTGCAGTGATA
AATAACTCCAGCTAAAAGTGTGGTGTCTTATCTCCACCCTCTTCTACTTTGCTTACCCTCATCC
TCAGACAGATGCCCTCTTGCTTTTAAAGTTGGATTAAACGACGTGTTGTAGGGTCTTGCTGTGTGA
AGGCAGAGACCAGAGAGAAGGAAGTGAAGCCACTGCTCTCCTGGGAGCAATGTGGGTGAGTCCACCAGA
GGCCCTGCTGTGTGGCCAATAAATTTAGTCTTCCCGAGCCCTCGAGGCAGTGTGTGGATGTATG
CGTGTGGATATTTATATATGTACCCTGCACTCATGAATGTATGAAGTGGAGGAAGTTACTACAGTGGAA
GGGTTCTTAATAACAAGGTCTACCTAGCATGAAGTATTTAACATTCTCCATCCCTAAAAAATATACA
TTTTATAAAATGAAAACCATAATAAATGTTTGAATATTAATAAATAAATAACCTACAGAGGAAAAAT
TAATGGAGACAGCTATTTGCCTTGTACTTTTCCACAATTGTTGCTGCTAGTTGTACACATCTCTAGTT
CAGCTCTTGCCACGGGACACTCATCAATTAGGTTTTATTTTATTTCTTCTCTACCCCAAGAAACA
AGCCTGTTAATTTTTTCTCTCTCTGCGGACTGTGTGATGAATCCTTTCTTGGCTGATCAGGTTG
CGGATAGACTTGAAGGGTGTGTGCTGCATACAGTGAAGCATTGTGACCGCCAATAAACTCAATGGT
TTCTACTGA
ACGCGTAAAGCGCCGCGGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_015024.5

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