

## Product datasheet for **SC316024**

### **RANBP9 (NM\_005493) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RANBP9 (NM_005493) Human Untagged Clone
Tag:	Tag Free
Symbol:	RANBP9
Synonyms:	BPM-L; BPM90; RanBP7; RANBPM
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_005493, the custom clone sequence may differ by one or more nucleotides

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ATGTCCGGGCAGCCGCCGCCGCCGCCGCCGAGCAGCAGCAACAGCAGCAGCAGCTGTCCGCCACCAGC
CGGCGGCCTTGGCCCCAGTCTCCGGAGTCGTCTGCGGGCGCCCCGGCCGTGAGCGCCGGCTCTTCTCC
GGCCGGCTCGCCCGCGCGGTGCGGGCGGCGAAGGCTTAGGGGCGCGCGGCCGCCCTGCTCCTCCAC
CCTCCGCCGCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCC
CAGCGGCTGCCGCCGCCAGCGGGCGGCCGCTCCCCGGGCTTGACAGCGGGCCCCGCGCCGGCTGGAGG
AGCCCCGACCCAGCTCTGGTGGCGGGCAGCAGCGCCGCGGCCCTTCCCTCACGGGACTCGGCCCTG
AACGAGCAGGAGAAGGAGTTGCAGCGCGGCTGAAGCGTCTCTACCCGGCCGTGGACGAACAAGAGACGC
CGCTGCCTCGGTCTGGAGCCCCAAGGACAAGTTCAGCTACATCGGCTCTCTCAGAACAACCTGCGGGT
GCACTACAAGGTCATGGCAAACCCAAAAGATGCCCGTCAGTTCGAGCCACGCATCCAATACCAGCA
GCCTGTGGGATTTATTATTTGAAGTAAAAATTGTCAGTAAGGGAAGAGATGGTTACATGGGAATTGGTC
TTTCTGCTCAAGGTGTGAACATGAATAGACTACCAGTTGGGATAAGCATTTCATATGGTTACCATGGGA
TGATGGACATTCGTTTTGTTCTTCTGAACTGGACAACCTTATGGACCACTTCTACTACTGGTGTATGTC
ATTGGCTGTTGTGTTAATCTTATCAACAATACCTGCTTTTACACCAAGAATGGACATAGTTTAGGTATTG
CTTTACTGACCTACCGCAAATTTGTATCCTACTGTGGGGCTTCAAACACCAGGAGAAGTGGTCGATGC
CAATTTTGGGCAACATCCTTTCTGTGTTGATATAGAAGACTATATGCGGGAGTGGAGAACCAAAATCCAG
GCACAGATAGATCGATTCCTATCGGAGATCGAGAAGGAGAATGGCAGACCATGATACAAAAATGGTTT
CATCTTATTTAGTCCACCATGGTACTGTGCCACAGCAGAGGCCCTTGGCAGATCTACAGACCAGACCGT
TCTAGAAGAATTAGCTTCCATTAAGAATAGACAAGAATTCAGAAATTGGTATTAGCAGGAAGAATGGGA
GAAGCCATTGAAACAACACAACAGTTATACCCAAGTTTACTTGAAGAATACTTAATCTCCTTTTACAT
TAAAAGTGCCTCAGTTTATAGAAATGGTGAATGGTACAGATAGTGAAGTACGATGTTTGGGAGCCGAAG
TCCAAAGTCTCAAGACAGTTATCCTGTTAGTCCTCGACCTTTTAGTAGTCCAAGTATGAGCCCCAGCCAT
GGAATGAATATCCACAATTTAGCATCAGGCAAAGGAAGCACCACATTTTTTTCAGTTTTTGAAGTTGTA
GTAATGGTGAATATCAAATAAAGCACATCAATCATATTGCCATAGTAATAAACACCAGTCATCCAATTT
GAATGTACCAGAACTAACAGTATAAATATGTCAAGATCACAGCAAGTTAATAACTTCACCAGTAATGAT
GTAGACATGGAACAGATCACTACTCCAATGGAGTTGGAGAACTTCATCCAATGGTTTCTAAATGGTA
GCTCTAAACATGACCACGAAATGGAAGATTGTGACACCGAAATGGAAGTTGATTCAAGTCAGTTGAGACG
CCAGTTGTGTGGAGGAAGTCAGGCCGCATAGAAAGAATGATCCACTTTGGACGAGAGCTGCAAGCAATG
AGTGAACAGCTAAGGAGAGACTGTGGCAAGAACACTGCAAACAAAAAATGTTGAAGGATGCATTAGTC
TACTAGCATATTCAGATCCCTGGAACAGCCAGTTGGAATCAGCTTGACCCGATTTCAGAGAGAACCCTGT
GTGCTCAGCTCTTAACAGTGCAATATTAGAAACCCACAATCTGCCAAAGCAACCTCCACTTGCCCTAGCA
ATGGGACAGGCCACAAATGTCTAGGACTGATGGCTCGATCAGGAATTGGATCCTGCGCATTTGCCACAG
TGAAGACTACCTACATTAG
    
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**Restriction Sites:** NotI-NotI

**ACCN:** NM\_005493

**Insert Size:** 3200 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**OTI Annotation:** The ORF of this clone has been fully sequenced and found to be a perfect match to NM\_005493.2.

<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_005493.2</a></u> , <u><a href="#">NP_005484.2</a></u>
<b>RefSeq Size:</b>	3132 bp
<b>RefSeq ORF:</b>	2190 bp
<b>Locus ID:</b>	10048
<b>UniProt ID:</b>	<u><a href="#">Q96S59</a></u>
<b>Cytogenetics:</b>	6p23
<b>Domains:</b>	SPRY, LisH, CTLH
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	This gene encodes a protein that binds RAN, a small GTP binding protein belonging to the RAS superfamily that is essential for the translocation of RNA and proteins through the nuclear pore complex. The protein encoded by this gene has also been shown to interact with several other proteins, including met proto-oncogene, homeodomain interacting protein kinase 2, androgen receptor, and cyclin-dependent kinase 11. [provided by RefSeq, Jul 2008]