

Product datasheet for **SC333973**

RANBP1 (NM_001278641) Human Untagged Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | RANBP1 (NM_001278641) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | RANBP1 |
| Synonyms: | HTF9A |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >SC333973 representing NM_001278641. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGGGCAAACCTGTTCCGATTTGCCTCTGAGAACGATCTCCAGAATGGAAGGAGCGAGGCACTGGT
GACGTC AAGCTCCTGAAGCACAAGGAGAAAGGGCCATCCGCCTCCTCATGCGGAGGGACAAGACCCTG
AAGATCTGTGCCAACCACTACATCACGCCGATGATGGAGCTGAAGCCCAACGCAGGTAGCGACCGTGCC
TGGGTCTGGAACACCCACGCTGACTTCGCCGACGAGTGCCCAAGCCAGAGCTGCTGGCCATCCGCTTC
CTGAATGCTGAGAATGCACAGAAATCAAACAAAGTTTGAAGAATGCAGGAAAGAGATCGAAGAGAGA
GAAAAGAAAGGATCAGGCAAAAATGATCATGCCGAAAAAGTGGCGAAAAGCTAGAAGCTCTCTCGGTG
AAGGAGGAGACCAAGGAGGATGCTGAGGAGAAGCAATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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RefSeq Size: 1254 bp

RefSeq ORF: 453 bp

Locus ID: 5902

Cytogenetics: 22q11.21

MW: 17.5 kDa

Gene Summary: This gene encodes a protein that forms a complex with Ras-related nuclear protein (Ran) and metabolizes guanoside triphosphate (GTP). This complex participates in the regulation of the cell cycle by controlling transport of proteins and nucleic acids into the nucleus. There are multiple pseudogenes for this gene on chromosomes 9, 12, 17, and X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Transcript Variant: This variant (4) contains multiple differences, compared to variant 1. It initiates translation at a downstream in-frame start codon. The encoded isoform (4) is shorter and has a distinct N-terminus, compared to isoform 1.