

## Product datasheet for **SC329507**

### **RAP80 (UIMC1) (NM\_001199297) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RAP80 (UIMC1) (NM_001199297) Human Untagged Clone
Tag:	Tag Free
Symbol:	UIMC1
Synonyms:	RAP80; X2HRIP110
Vector:	pCMV6-Entry (PS100001)

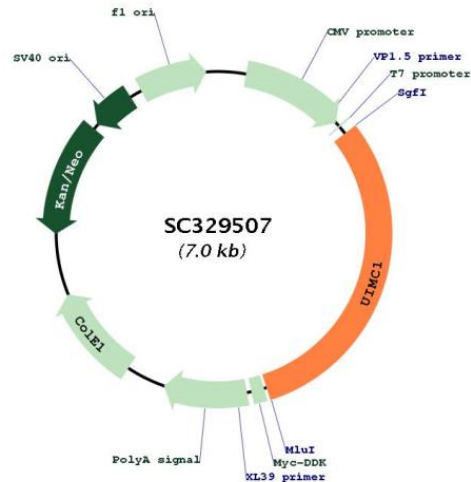


[View online »](#)

Fully Sequenced ORF: >SC329507 representing NM\_001199297.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGCCACGGAGAAAGAAAAAGTTAAGAAGTCTCCGAATCTCGAACCTGGAGAAGAAGGATGTGGAA
ACTACCAGTTCCTGTCAGTGTGAAGAGGAAGCGTAGACTTGAGGATGCATTCATTGTGATATCCGATAGT
GATGGAGAGGAACCAAAGGAGGAAAAATGGGTTGCAGAAAAACGAAGACAAAACAGTCGAATAGAGCAAAG
TGTTTGGCCAAAAGAAAAATCGCACAGATGACAGAAGAAGAACAGTTTGCTCTGGCTCTCAAATGAGT
GAGCAGGAAGCTAGGGAGGTGAACAGCCAGGAGGAGGAAGAAGAGGAGCTCTTGAGGAAAAGCCATTGCT
GAAAGCCTGAATAGTTGCCGGCCTTCTGATGCTTCCGCTACCAGATCTCGACCTCTGGCCACTGGACCG
TCTTCCCAGTCCCATCAAGAGAAAACCACAGACTCTGGGCTCACTGAAGGCATATGGCAGCTGGTACCT
CCATCACTGTTTTAAGGCTCACATATCAGTCAGGGAAACGAGGCTGAGGAAAGAGAGGAGCCTTGGGAC
CACACTGAAAAAAGTGAAGAGGAGCCGGTCTCTGGCAGCTCAGGAAGCTGGGACCAGTCAAGCCAGCCA
GTGTTTGAGAATGTGAACGTTAAATCTTTTACAGATGTACTGGCCACTCGGCTGAGCACACACAGTGT
GGGAAGCCACAGGAAAGTACTGGGAGGGTTCTGCTTTTCTCAAAGCTGTCCAGGGTAGCGGGGACACA
TCTAGGCACTGTCTACCTACCCTAGCAGATGCCAAAGGTCTCCAGGACTGGGGCACTGTGAAGTAT
TTCTGGGGTATTCCATTCTGCCCTGATGGAGTAGACCCTAACCAGTATACCAAGGTCATTCTCTGCCAG
TTGGAGGTTTATCAAAGAGCCTGAAAAATGGCTCAGAGGCAGCTCCTTAATAAAAAAGGTTTTGGGGAA
CCAGTGTACCTAGACCTCCTTCTCTGATCCAGAATGAATGTGGCCAAGGAGAGCAGGCTAGTGAGAAA
AATGAATGCATCTCAGAAGATATGGGAGATGAAGACAAAGAGGAGAGGCAGGAGTCTAGGGCATCTGAC
TGGCACTCAAAAACCAAGGATTTCCAGGAAAGCTCAATTAAGCTTGAAGAGAAAACCTTTGTTGGAG
GAAGAACAACAACCAAGTCAATGGTCACTTCCCAAGGGATTGTTGAAGAACTTCTGAAGAGGGAAAC
TCTGTACCTGCTTCACAAAGTGTGCTGCTTTGACCAGTAAGAGAAGCTTAGTCCTATGCCAGAGAGT
TCTGCAGAAGAAATCACTGTTTGTCTGAGACCCAGTAAGTTCCTCTGAAACTTTTGACCTTGAAAGA
GAAGTCTCTCCAGGTAGCAGAGATATCTTGGATGGAGTCAGAATAATAATGGCAGATAAGGAGGTTGGT
AACAAAGGAAGATGCTGAGAAGGAAGTAGCTATTTCTACCTTCTCATCCAGTAACCAGGTATCCTGCCCG
CTATGTGACCAATGCTTTCCACCCACAAAAGATTGAACGACATGCCATGTACTGCAATGGTCTGATGGAG
GAAGATACAGTATTGACTCGGAGACAAAAGAGGCCAAGACCAAGAGTGACAGTGGGACAGCTGCCAG
ACTTCTCTAGACATTGACAAGAATGAGAAGTGTACCTCTGTAATCCCTGGTCCCATTTAGAGAGTAT
CAGTGTCATGTGGACTCCTGTCTCCAGCTTGCAAAGGCTGACCAAGGAGATGGACCTGAAGGGAGTGG
AGAGCATGTTCAACTGTGGAGGGGAAGTGGCAGCAGAGGCTGAAGAACCACAAAGGAAAAAGGCCACAGT
GAAGGCCGACTCCTTAGTTTCTTGAACAGTCTGAGCACAAGACTTCAGATGCAGACATCAAGTCTTCA
GAAACAGGAGCCTTCAGGGTGCCTTACCAGGGATGGAAGAGGCAGGCTGCAGCAGAGAGATGCAGAGT
TCTTTCACACGTCGTGACTTAAATGAATCTCCCGTCAAGTCTTTTGTTCATTTTCAAGGCCACAGAT
TGCTTAGTGGACTTTAAAAGCAAGTACTGTCCAGCCAGGTAGTCGGACACGGACCAAGCTGGCAGA
GGAAGAAGGAGAAAAATCTGA
```

Restriction Sites: Sgfl-Mlul

**Plasmid Map:**


**ACCN:** NM\_001199297

**Insert Size:** 2160 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).

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_001199297.1](#)

**RefSeq Size:** 2825 bp

**RefSeq ORF:** 2160 bp

**Locus ID:** 51720

**UniProt ID:** [Q96RL1](#)

**Cytogenetics:** 5q35.2

**Protein Families:** Druggable Genome, Transcription Factors

**MW:** 79.7 kDa

**Gene Summary:**

This gene encodes a nuclear protein that interacts with Brca1 (breast cancer 1) in a complex to recognize and repair DNA lesions. This protein binds ubiquitinated lysine 63 of histone H2A and H2AX. This protein may also function as a repressor of transcription. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein (isoform 1).