

Product datasheet for **SC329508**

RAP80 (UIMC1) (NM_001199298) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAP80 (UIMC1) (NM_001199298) Human Untagged Clone
Tag:	Tag Free
Symbol:	UIMC1
Synonyms:	RAP80; X2HRIP110
Vector:	pCMV6-Entry (PS100001)

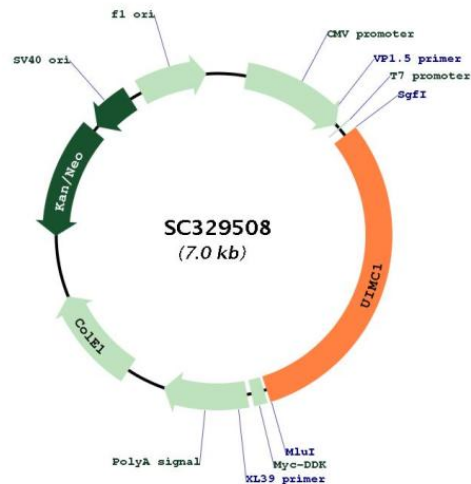


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Fully Sequenced ORF: >SC329508 representing NM_001199298.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GGAAGAAGGAGAAAAATCTGA
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Restriction Sites: Sgfl-Mlul

Plasmid Map:


ACCN: NM_001199298

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_001199298.1](#)

RefSeq Size: 2615 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 (3) differs in the 5' UTR compared to variant 1. Variants 1, 2, and 3 encode the same protein (isoform 1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.