

# Ylp211-P30-His-pol30(K164R)-3? Plasmid

**Catalogue number:** 153617

**Sub-type:** Ylplac211

**Images:**

## Contributor

**Inventor:**

**Institute:** Cancer Research UK London Research Institute: Clare Hall Laboratories

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Ylp211-P30-His-pol30(K164R)-3? Plasmid

**Alternate name:** PCNA, Proliferating cell nuclear antigen

**Class:**

**Conjugate:**

**Description:** Yeast integrative vector for expression of His-tagged POL30 (PCNA) mutant K164R; URA3 marker. Proliferating cell nuclear antigen (PCNA) is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand. Involved in DNA repair.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:** URA3

**Additional notes:** Yeast integrative vector for expression of His-tagged POL30 (PCNA) mutant K164R; URA3 marker. Proliferating cell nuclear antigen (PCNA) is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand. Involved in DNA repair.

## Target details

**Target:** POL30 (*Saccharomyces cerevisiae*)

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:**

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:**

## Related tools

**Related tools:**

## References

**References:** Detection of PCNA modifications in *Saccharomyces cerevisiae*. Davies AA, Ulrich HD Methods Mol Biol. 2012;920:543-67. doi: 10.1007/978-1-61779-998-3\_36.

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