



## DNA Repair Yeast Apn1

**Molecular Mass: 41 kDa**

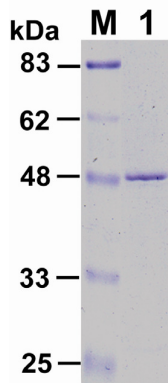
**Catalog#** ANT-47

**Size:** 10µg

**Price:** \$250

### Description

Apn1 is the major AP endonuclease in the yeast *Saccharomyces cerevisia*. It is homologous to the *E. coli* endonuclease IV. It is a key enzyme in the base excision repair pathways. Apn1 cleaves DNA at the 5' side of the AP site, yielding a 3' OH terminus and a 5' dRP (deoxyribose phosphate) moiety at the DNA nick. Recombinant protein was purified from *E. coli*. activity.



**Purified yeast Apn1.** The protein (200 ng) was analyzed by electrophoresis on a 12.5% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. Protein size markers (lane M) are indicated on the left.

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