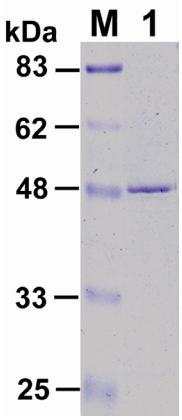
Yeast Apn1

Molecular Mass: 41 kDa

Catalog #	Size
47	10 µg

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*.



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.

Enzymax, 870 Corporate Dr., Suite 201, Lexington, KY 40503; Tel.: (859) 219-8482; Fax: (859) 219-0653; www.enzymax.net