

DNA Repair

Human AP Endonuclease 1 (APE1, HAP1)

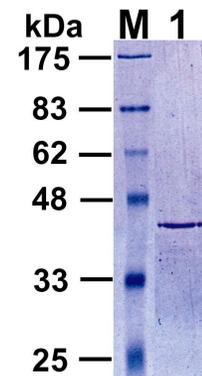
Molecular Mass: 36 kDa

Catalog #: 36

Size: 5 micro grams

Description

A homologue of the *E. coli* exonuclease III, APE1 is the major mammalian AP endonuclease required for base excision repair. Additionally, APE1 also plays a redox function. It is identical to the redox protein Ref-1. The redox activity of HAP1 is separable from its AP endonuclease activity.



Purified human APE1.

The protein (220 ng) was analyzed by electrophoresis on a 10% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. Protein size markers (lane M) are indicated on the left.