

## Recombinant *S. cerevisia* APN1 protein

**Cat. No.** APN1-1539S    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant protein was purified from <i>E. coli</i> .                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | <i>S.cerevisiae</i>                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | <i>E.coli</i>                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | Apn1 is the major AP endonuclease in the yeast <i>Saccharomyces cerevisia</i> . It is homologous to the <i>E. coli</i> 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. |
| <b>Molecular Mass</b>   | 41 kDa                                                                                                                                                                                                                                                                                                                                  |

### GENE INFORMATION

|                        |                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | APN1 DNA-(apurinic or apyrimidinic site) lyase APN1 [ <i>Saccharomyces cerevisiae</i> S288c ] |
| <b>Official Symbol</b> | APN1                                                                                          |
| <b>Synonyms</b>        | APN1                                                                                          |
| <b>Gene ID</b>         | 853746                                                                                        |
| <b>mRNA Refseq</b>     | NM_001179680.1                                                                                |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                |             |
|----------------|-------------|
| Protein Refseq | NP_012808.1 |
|----------------|-------------|

|            |        |
|------------|--------|
| UniProt ID | P22936 |
|------------|--------|

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA