

# User Manual

Version 4.0

**Product name:** FEN1 (AFU)

**Cat #:** AFU-100, AFU-200, AFU-OEM, B-RB5

## Description:

FEN1 (AFU) is a recombinant flap endonuclease-1 (FEN-1) protein expressed in *E. coli* containing FEN1 Gene of hyperthermophilic Archaea strain, *Archaeoglobus fulgidus*. The FEN1 removes 5'-overhanging flaps in DNA repair and processes the 5'-ends of Okazaki fragments in lagging strand DNA synthesis.

## Application:

FEN1 removes 5' overhanging flaps in DNA repair and processes the 5' ends of Okazaki fragments in lagging strand DNA synthesis.

## Source:

*Escherichia coli*

## Concentration:

0.5 mg/ml

## Supplied In:

50 mM Tris-HCl (pH 8.0)

50 mM NaCl

1 mM DTT

0.1 mg/ml BSA

50% (v/v) glycerol

## Procedure:

Add 250 ng to 500 ng into reaction. Works with standard 1X PCR buffers.

**Recommended Storage Condition:** -20°C