

Product Datasheet

APE Full Length Recombinant Protein NB100-101PEP

Unit Size: 0.05 ml

Store at -80C. Avoid freeze-thaw cycles.

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NB100-101PEP**APE Full Length Recombinant Protein**

Product Information	
Unit Size	0.05 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	Protein
Buffer	Protein is dissolved in dH2O. Contains no BSA.

Product Description	
Description	A full-length recombinant protein corresponding to APEX1.
Gene ID	328
Gene Symbol	APEX1
Species	Human

Publications

Tanaka M, Takahara M, Nukina K et al. Mismatch repair proteins recruited to ultraviolet light-damaged sites lead to degradation of licensing factor Cdt1 in the G1 phase. *Cell Cycle*. 2017-02-22 [PMID: 28278049]

Morita-Fujimura, Y et al. Early decrease in apurinic/aprimidinic endonuclease is followed by DNA fragmentation after cold injury-induced brain trauma in mice. *Neuroscience* 93(4):1465-73. 1999-01-01 [PMID: 10501471]

Xanthoudakis, S Curran, T. Redox regulation of AP-1: a link between transcription factor signaling and DNA repair. *Adv Exp Med Biol* 387:69-75. 1996-01-01 [PMID: 8794196]

Fujimura, M et al. Copper-zinc superoxide dismutase prevents the early decrease of apurinic/aprimidinic endonuclease and subsequent DNA fragmentation after transient focal cerebral ischemia in mice. *Stroke* 30(11):2408-15. 1999-11-01 [PMID: 10548678]

Kawase, M et al. Reduction of apurinic/aprimidinic endonuclease expression after transient global cerebral ischemia in rats: implication of the failure of DNA repair in neuronal apoptosis. *Stroke* 30(2):441-8; discussion 449. 1999-02-01 [PMID: 9933285]

Robertson, K A et al. Down-regulation of apurinic/aprimidinic endonuclease expression is associated with the induction of apoptosis in differentiating myeloid leukemia cells. *Cell Growth Differ* 8(4):443-9. 1997-04-01 [PMID: 9101090]

Wilson, TM et al. Differential expression of the apurinic / apyrimidinic endonuclease (APE/ref-1) multifunctional DNA base excision repair gene during fetal development and in adult rat brain and testis. *Mutat Res* 362(3):237-48. 1996-04-02 [PMID: 8637502]

Duguid, J R, Eble, J N, Wilson, T M, Kelley, M R. Differential cellular and subcellular expression of the human multifunctional apurinic/aprimidinic endonuclease (APE/ref-1) DNA repair enzyme. *Cancer Res* 55(24):6097-102. 1995-12-15 [PMID: 8521399]

Xu, Y et al. The apurinic/aprimidinic endonuclease (APE/ref-1) DNA repair enzyme is elevated in premalignant and malignant cervical cancer. *Anticancer Res* 17(5B):3713-19. 1997-09-01 [PMID: 9427767]





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