Recombinant Human APEX1 protein

Cat. No. APEX1-1538H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APEX1 protein was expressed in E. coli.
Species	Human
Source	E.coli
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.
Molecular Mass	36 kDa

GENE INFORMATION

Gene Name	APEX1 APEX nuclease (multifunctional DNA repair enzyme) 1 [Homo sapiens]
Official Symbol	APEX1
Synonyms	APEX1; APEX nuclease (multifunctional DNA repair enzyme) 1; APEX, APEX nuclease (multifunctional DNA repair enzyme); DNA-(apurinic or apyrimidinic site) lyase; APE; APE 1; APEN; APX; HAP1; REF 1; REF1; AP lyase; protein REF-1; redox factor-1; AP endonuclease class I; apurinic-apyrimidinic endonuclease 1; apurinic/apyrimidinic (abasic) endonuclease; deoxyribonuclease (apurinic or apyrimidinic); APE1; APEX;

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Gene ID	328
mRNA Refseq	NM_001244249
Protein Refseq	NP_001231178
MIM	107748
UniProt ID	P27695

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