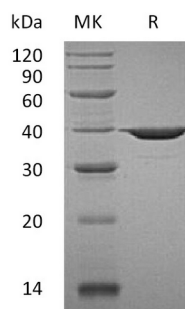


Product Name: Recombinant Human APE
Catalog #: PEH0079

概述 (Summary)

英文全称	APE/APE1/APEX
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Apurinic-Apyrimidinic Endonuclease 1 is produced by our E.coli expression system and the target gene encoding Pro2-Leu318 is expressed.
Accession #	AAH02338.1
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	35.62 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 10mM HEPES, 100mM KCl, 50% Glycerol, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

DNA-(Apurinic or Apyrimidinic Site) Lyase; APEX Nuclease; APEN; Apurinic-Apyrimidinic Endonuclease 1; AP Endonuclease 1; APE-1REF-1; Redox Factor-1; APEX1; APE; APE1; APEX; APX; HAP1; REF1

背景介绍 (References)

Apurinic-Apyrimidinic Endonuclease 1 (APE1) is required for efficient DNA base excision repair. When the DNA glycosylase remove the damaged bases, APE1 cleaves the AP site to allow resynthesis and ligation to complete repair. APE1 stimulates the DNA binding activity of many transcription factors, which participate in cancer promotion and progression. APE1 regulates the redox state of multiple transcription factors, such as c-Jun, c-Fos, NF-kB, p53. APEN is also involved in calcium-dependent down-regulation of PTH expression.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.