

Recombinant Human APEX1 protein, His-tagged

Cat. No. APEX1-2528H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human APEX1 protein(P27695)(32-318aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	32-318aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	36.2 kDa
AA Sequence	KNDKEAAGEGPALYEDPPDQKTSPSGKPATLKICSWNVDGLRAWIKKKGLDWWKKEE APDILCLQETKCSENKLPaelQELPGLSHQYWSAPSDKEGYSGVGLLSRQCPLKVS YGIGDEEHDQEGRVIVAEFDSFVLVTAYVPNAGRGLVRLLEYRQRWDEAFRKFLKGL ASRKPLVLCGDLNVAHEEIDLRNPKGNKKNAGFTPQERQGGFELLQAVPLADSRFH LYPNTPYAYTFWTYMMNARSKNVGWRLDYFLLSHSLLPALCDSKIRSKALGSDHCPI TLYLAL
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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;

Gene ID [328](#)

mRNA Refseq [NM_001244249](#)

Protein Refseq [NP_001231178](#)

MIM [107748](#)

UniProt ID [P27695](#)

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