

Human APEX1 Recombinant Protein



RPPB1405

Product Information Protein Information

Product SKU:

RPPB1405

Accession:

P27695

Host:

Escherichia Coli.

Protein description:

APEX1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 332 amino acids (1-318a.a.) and having a molecular mass of 36.9kDa. APEX1 protein is fused to a 14 amino acid T7-tag at N-terminus and is purified by standard chromatography.

Appearance:

Sterile filtered colorless solution.

Synonyms:

APEX nuclease (multifunctional DNA repair enzyme) 1, APE, REF1, HAP1, APX, APEN, APEX, Apurinic-aprimidinic endonuclease 1, Protein REF-1, AP endonuclease 1, APEX nuclease (multifunctional DNA repair enzyme), APE-1, deoxyribonuclease (apurinic or apyrimidinic), apurinic/apyrimidinic exonuclease, AP endonuclease class I, multifunctional DNA repair enzyme, redox factor 1, EC 4.2.99.18.

Formulation:

APEX1 Human solution (1mg/ml) containing 20mM Tris-HCl pH-8, 2mM DTT, 0.2M NaCl, and 10% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Amino Acid Sequence:

MASMTGGQQM GRGSMPCRKG KGAVAEDGDE LRTEPEAKKS KTAACKNDKE AAGEGPALYE DPPDQKTSPS
GKPATLKICS WNV DGLRAWI KKKGLDWVKE EAPDILCLQE TKCSENKLP A ELQELPGLSH QYWSAPSDKE
GYSGVGLLSR QCPLKVS YGI GEEHDQEGR VIVAEFDSFV LVTAYVPNAG RGLVRLEYRQ RWDEAFRKFL
KGLASRKPLV LCGDLNVAHE EIDLRNPKGN KKNAGFTPQE RQFGGELLQA VPLADSRHL YPNTPYAYTF
WTYMMNARSK NVGWRLDYFL LSHSLLPALC DSKIRSKALG SDHCPITLYL AL.