

APEX1 recombinant protein

Recombinant Human APEX1 Protein

CATALOG # AAA263178	HOST E Coli	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot, ELISA
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PRODUCT SYNONYMS

APEX1; Recombinant Human APEX1 Protein; APE; APE1; APEX; APX; HAP1; REF1; DNA-(apurinic or apyrimidinic site) lyase; APEX nuclease; APEN; Apurinic-apyrimidinic endonuclease 1; AP endonuclease 1; APE-1; REF-1; Redox factor-1; APEX1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Form/Format	Liquid in a 0.2 uM filtered solution of 10mM HEPES, 100mM KCl, 50% Glycerol, pH 7.4
Sequence	MGPKRGGKGA VAEDGDELRT EPEAKKSKTA AKKNDKEAAG EGPALYEDPP DQKTSPSGKP ATLKICSWNV DGLRAWIKKK GLDWVKEEAP DILCLQETKC SENKLPAELQ ELPGLSHQYW SAPSDKEGYS GVGLLSRQCP LKVSYGIGEE EHDQEGRVIV AEFDSFVLVT AYVPNAGRGL VRLEYRQRWD EAFRFLKGL ASRKPLVLCG DLNVAHEEID LRNPKGNNKN AGFTPQERQG FGELLQAVPL ADSFRHLYPN TPYAYTFWTY MMNARSKNVG WRLDYFLLSH SLLPALCDSK IRSKALGSDH CPITLYLAL
Sequence Length	318
Applicable Applications for APEX1 recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 mug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Store it at -20°C to -80°C for one year

ADDITIONAL INFORMATION

Related Product Information for APEX1 recombinant protein	Recombinant Human APEX1 Protein is produced by our E.coli expression system and the target gene encoding Pro2-Leu318 is expressed.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	346644849
NCBI GeneID	328
NCBI Accession #	NP_001231178.1
NCBI GenBank Nucleotide #	NM_001244249.1
UniProt Accession #	P27695 ; Q969L5 ; Q99775
Molecular Weight	35,555 Da
NCBI Official Full Name	DNA-(apurinic or apyrimidinic site) lyase

NCBI Official Synonym Full Names	apurinic/apyrimidinic endodeoxyribonuclease 1
NCBI Official Symbol	APEX1
NCBI Official Synonym Symbols	APE; APX; APE1; APEN; APEX; HAP1; REF1
NCBI Protein Information	DNA-(apurinic or apyrimidinic site) lyase
UniProt Protein Name	DNA-(apurinic or apyrimidinic site) lyase
UniProt Gene Name	APEX1
UniProt Synonym Gene Names	APE; APE1; APEX; APX; HAP1; REF1; APEN; AP endonuclease 1; APE-1
UniProt Entry Name	APEX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/apex1-recombinant-protein-e-coli-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263178>